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Product datasheet for TA804351AM

BFSP2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4E7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4E7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 184-415 of human BFSP2 (NP_003562) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45.7 kDa
Gene Name:	beaded filament structural protein 2
Database Link:	NP_003562 Entrez Gene 501046 RatEntrez Gene 8419 Human Q13515

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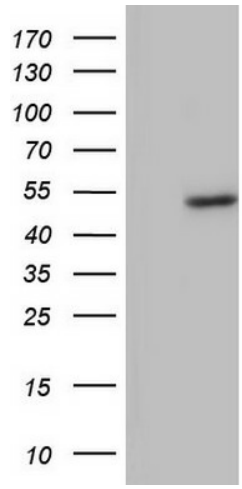
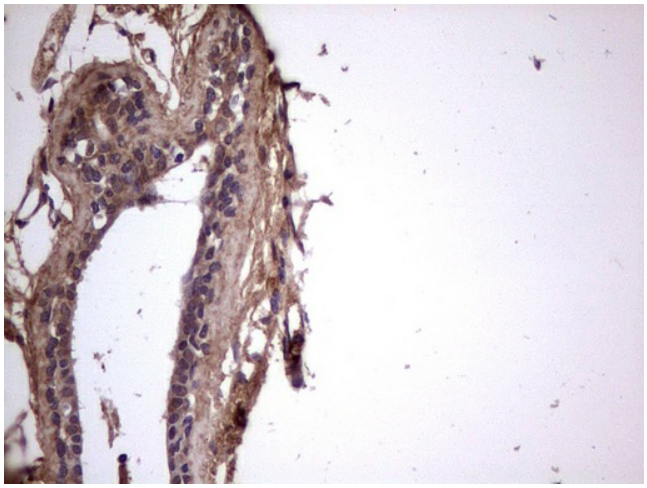
Background: More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cells. Two lens-specific intermediate filament-like proteins, the protein product of this gene (phakinin), and filensin, are expressed only after fiber cell differentiation has begun. Both proteins are found in a structurally unique cytoskeletal element that is referred to as the beaded filament (BF). Mutations in this gene have been associated with juvenile-onset, progressive cataracts and Dowling-Meara epidermolysis bullosa simplex. [provided by RefSeq, Jun 2009]

Synonyms: CP47; CP49; CTRCT12; LIFL-L; PHAKOSIN

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BFSP2 (Cat# [RC219996], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BFSP2(Cat# [TA804351]). Positive lysates [LY418579] (100ug) and [LC418579] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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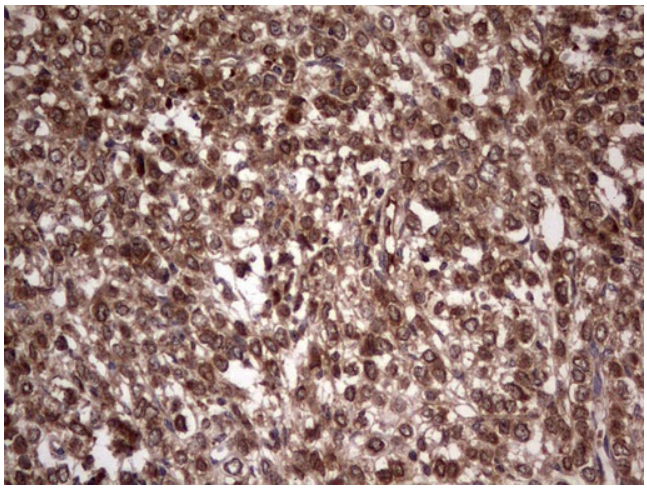
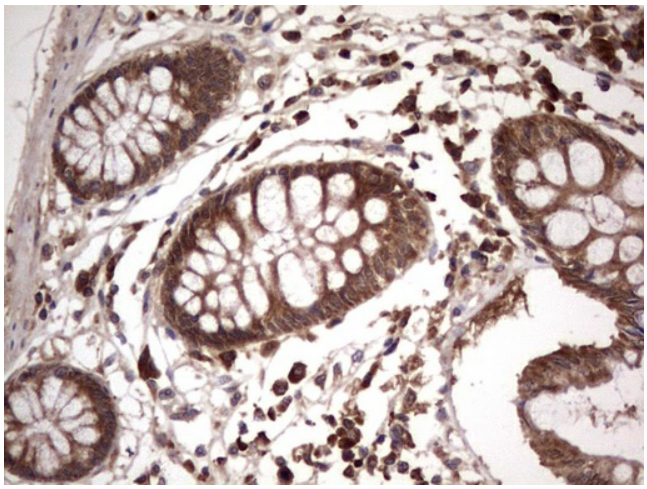
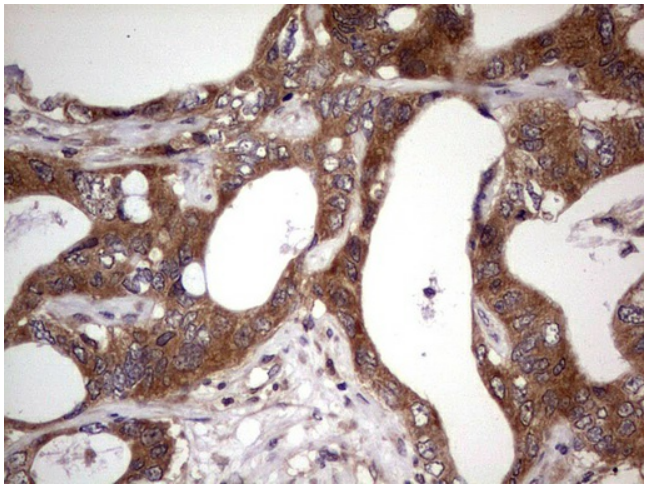


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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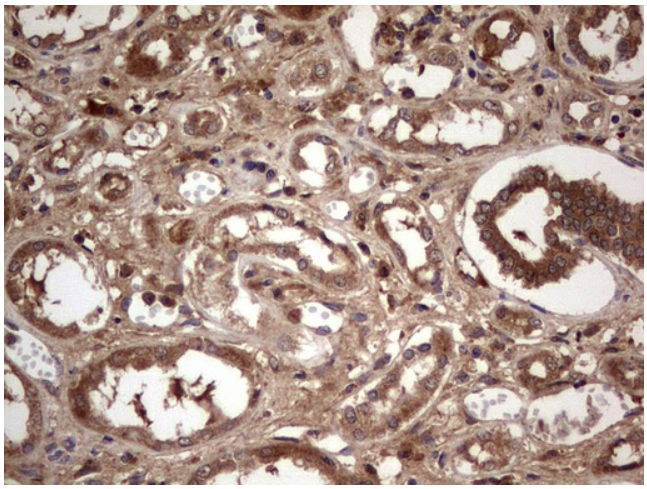
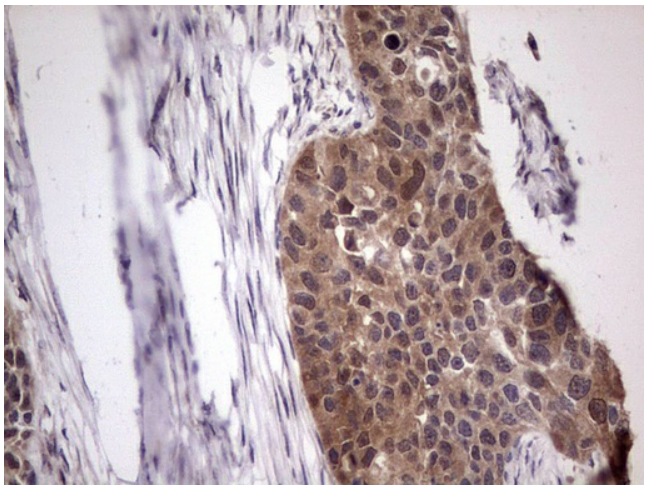
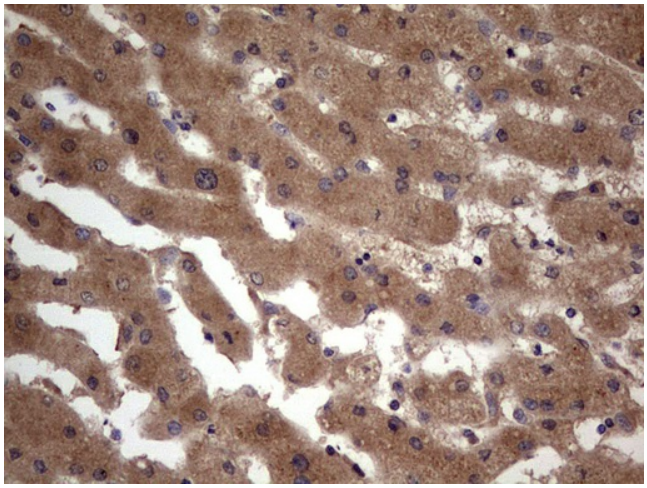


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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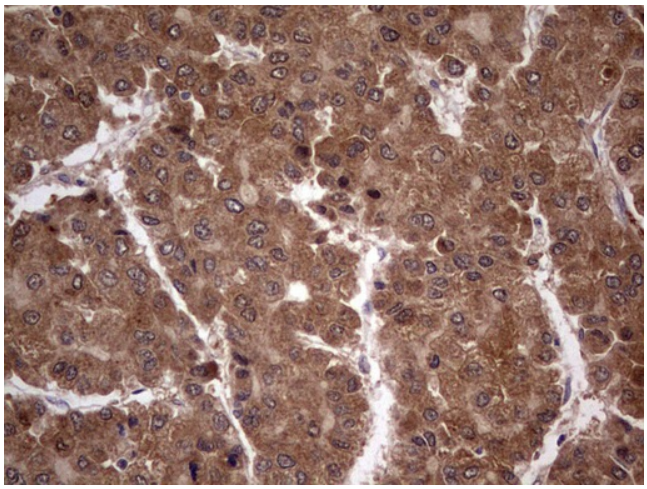
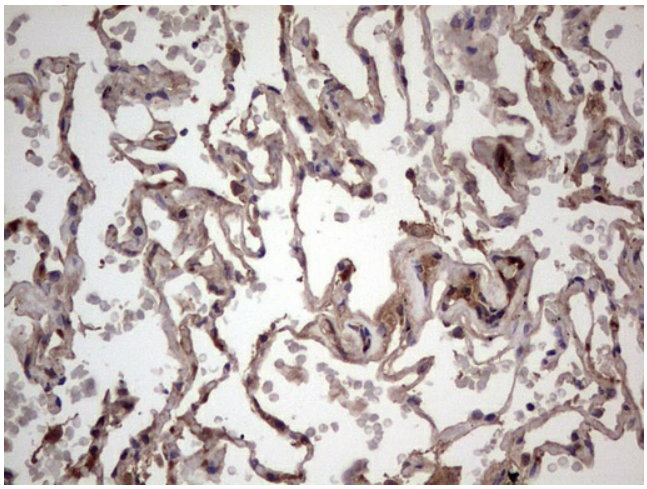
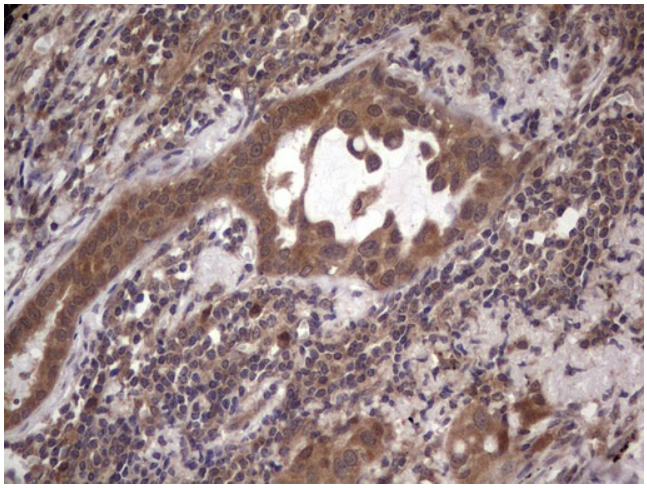


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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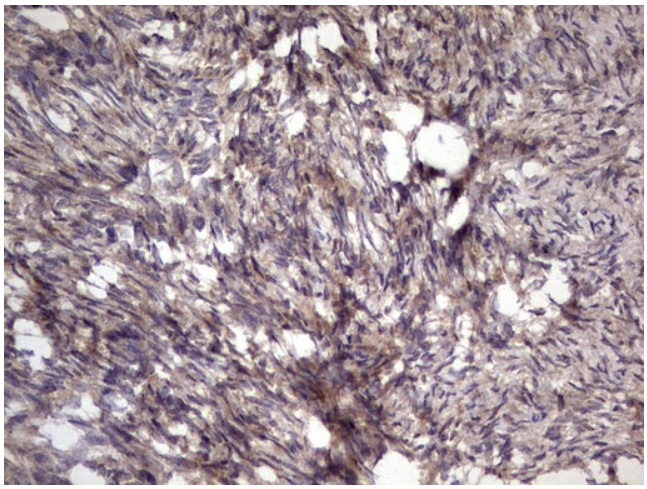
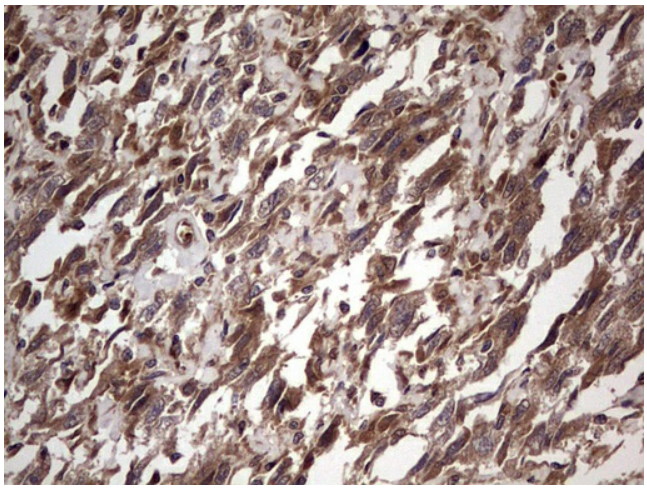
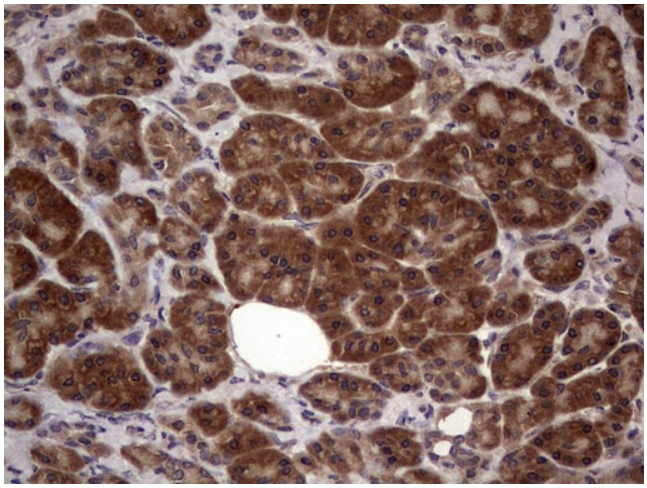


Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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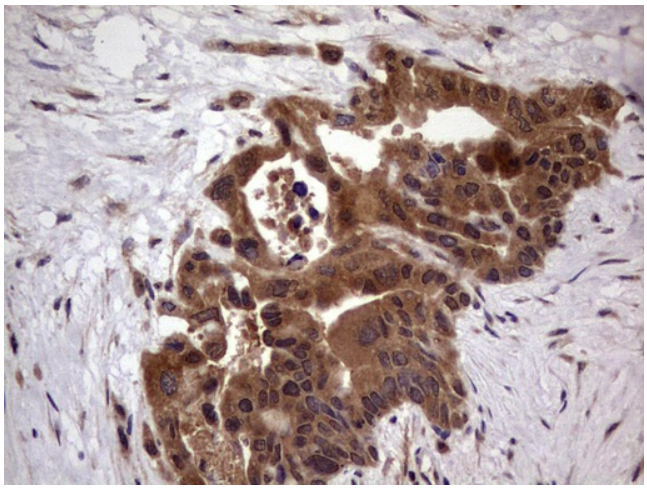
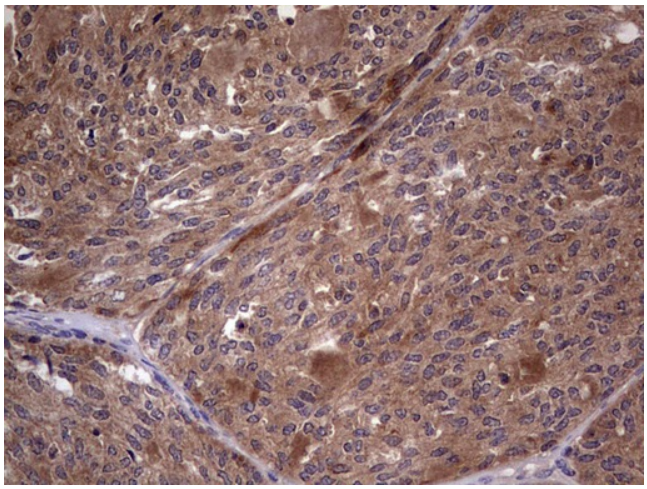
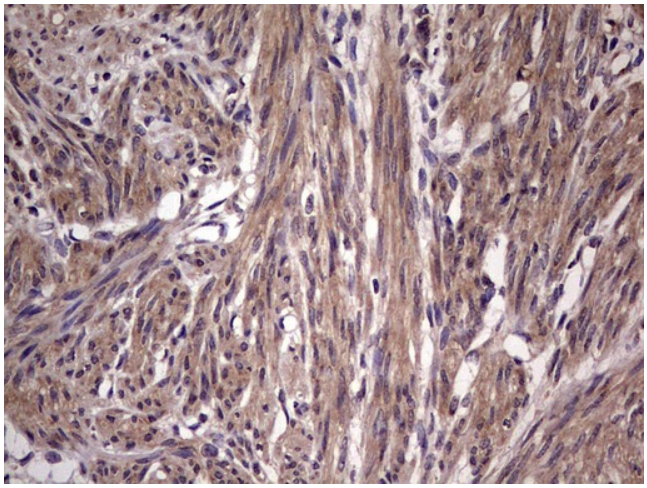


Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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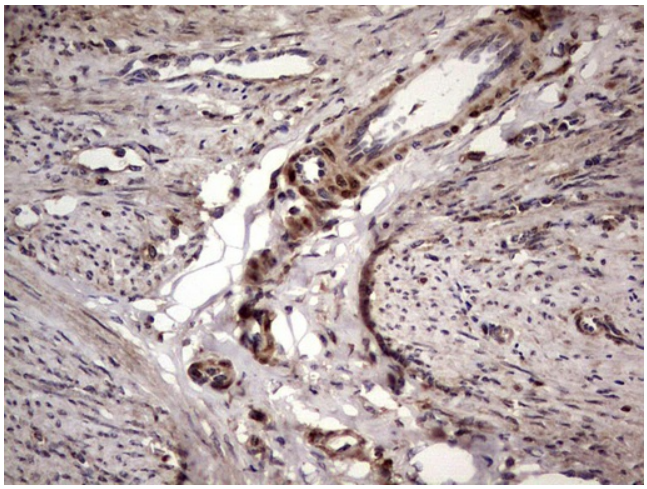
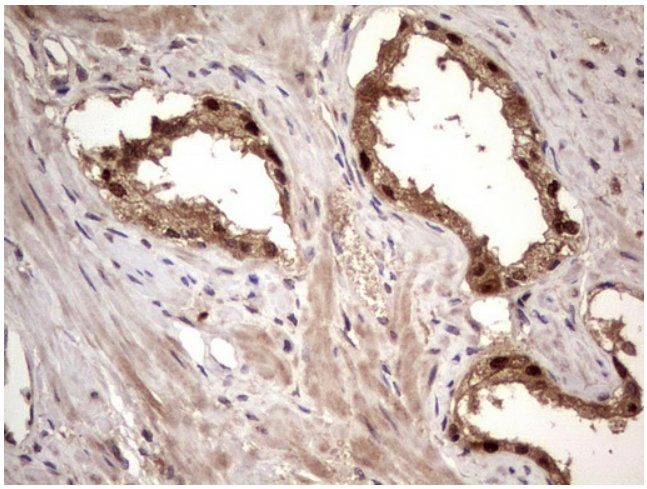
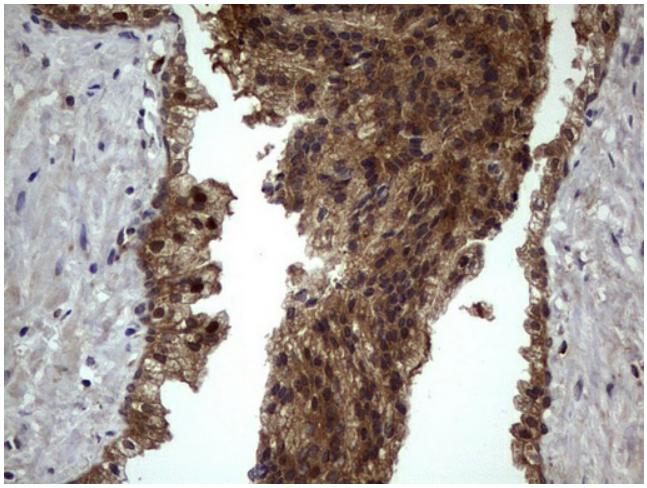


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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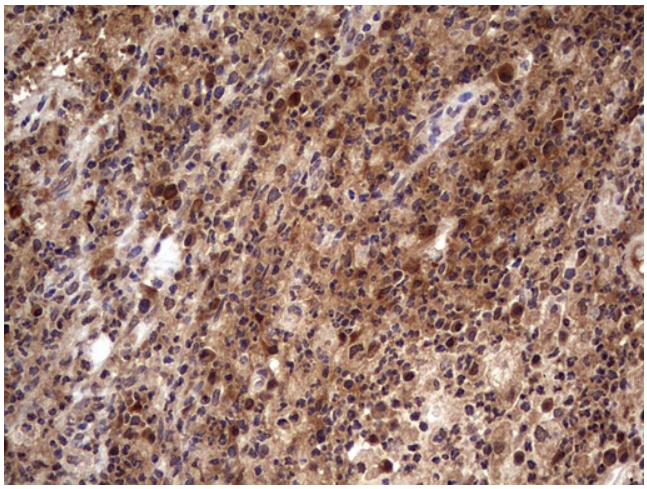
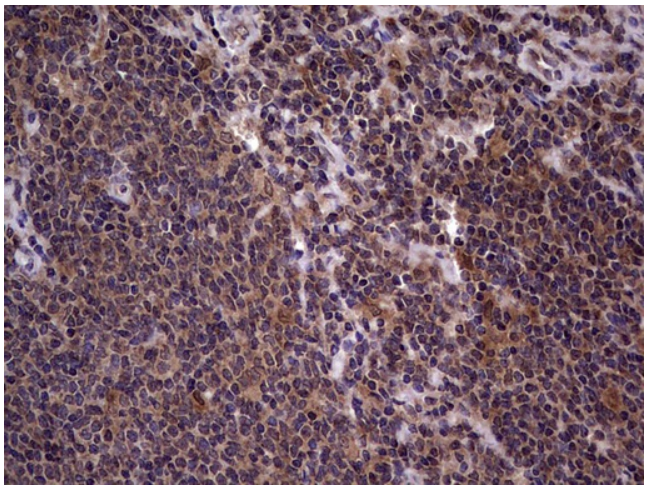
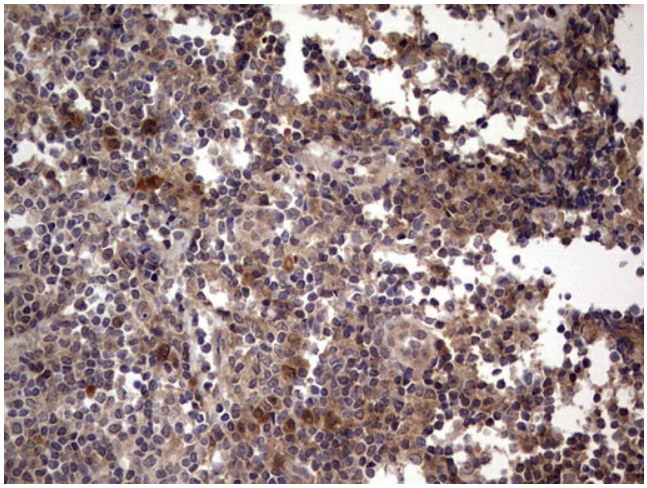


Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-BFSP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804351])

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