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Product datasheet for TA800093AM

SERPINB1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3B4
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, FLOW 1:100
Reactivity:	Human, Dog, Rat, Monkey
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 77-306 of human SERPINB1 (NP_109591) 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:	42.6 kDa
Gene Name:	serpin family B member 1
Database Link:	NP_109591 Entrez Gene 488191 DogEntrez Gene 707471 MonkeyEntrez Gene 1992 Human P30740
Synonyms:	EI; ELANH2; HEL-S-27; HEL57; LEI; M/NEI; MNEI; PI-2; PI2
Protein Families:	Druggable Genome

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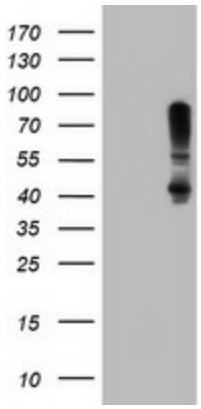
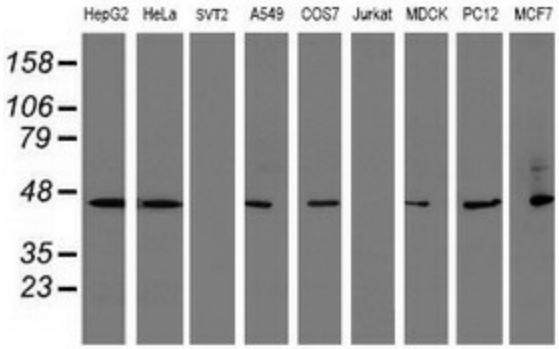
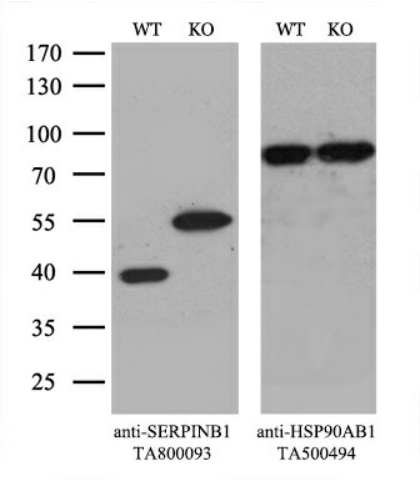
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SERPINB1 (Cat# [RC202138], 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-SERPINB1(Cat# [TA800093]). Positive lysates [LY410744] (100ug) and [LC410744] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by usin g anti-SERPINB1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and SERPINB1-Knockout HeLa cells (KO, Cat# [LC812016]) were separated by SDS-PAGE and immunoblotted with anti-SERPINB1 monoclonal antibody [TA800093], (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.

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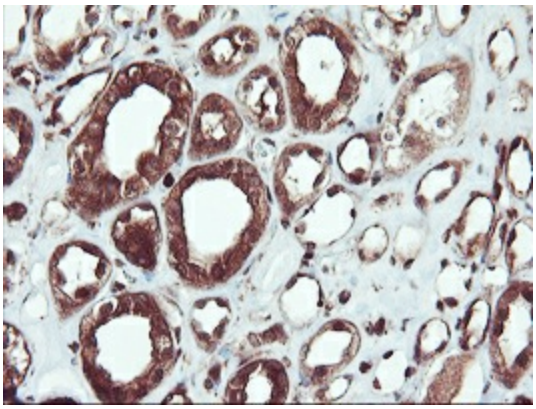
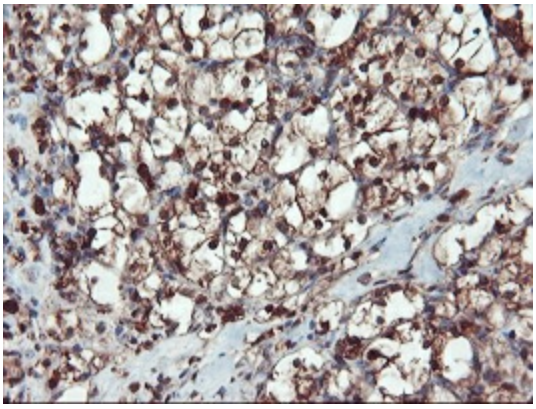
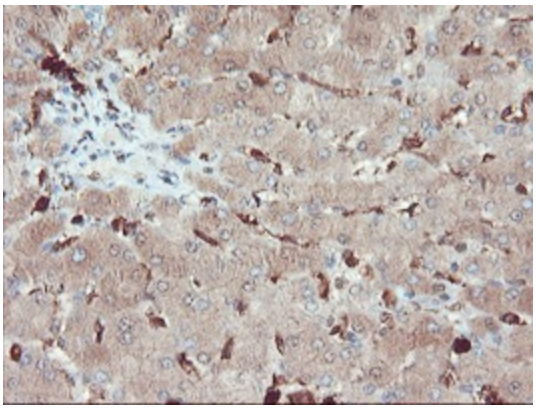


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])

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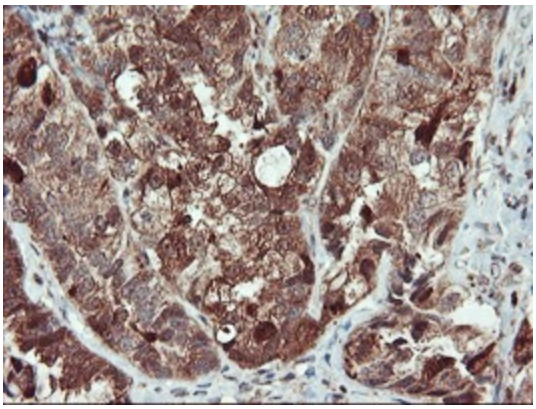
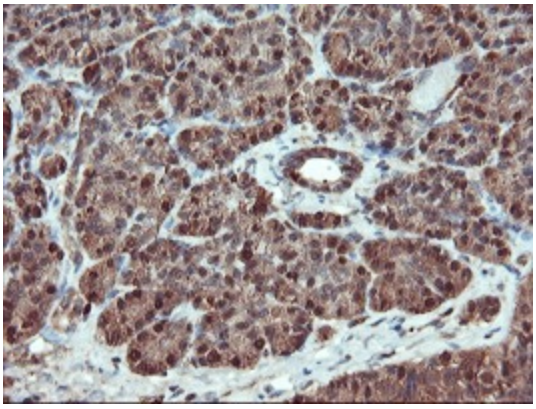
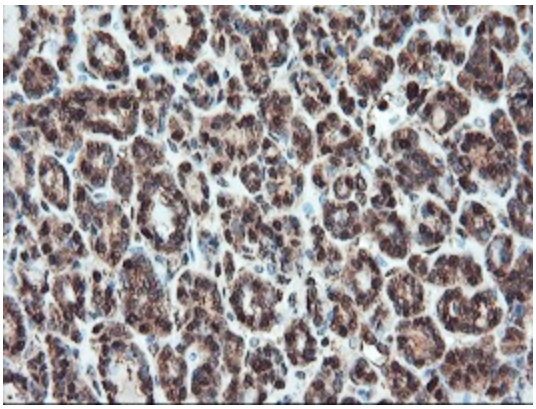


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])

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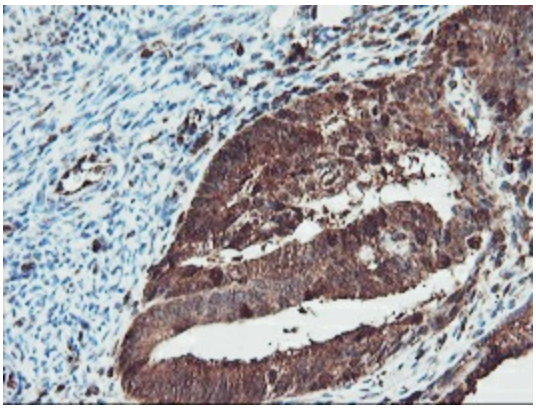
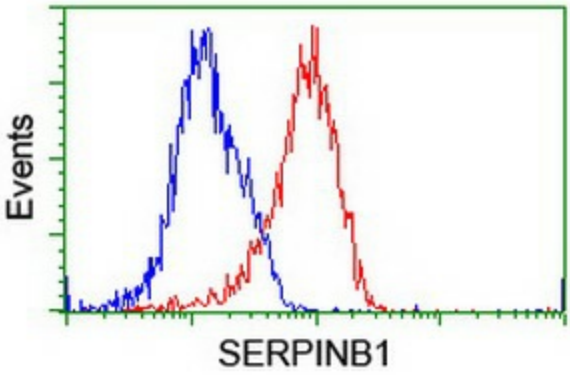
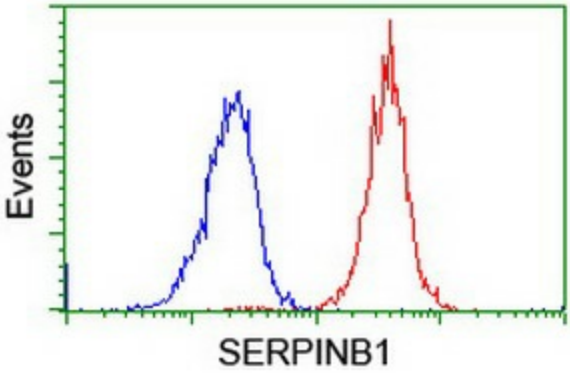


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SERPINB1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA800093])



Flow cytometric Analysis of Hela cells, using anti-SERPINB1 antibody ([TA800093]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SERPINB1 antibody ([TA800093]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).

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