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Product datasheet for TA807295

Fascin (FSCN1) Mouse Monoclonal Antibody [Clone ID: OTI3D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D2
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:500
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FSCN1 (NP_003079) produced in HEK293T.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	fascin actin-bundling protein 1
Database Link:	NP_003079 Entrez Gene 14086 MouseEntrez Gene 683788 RatEntrez Gene 6624 Human Q16658
Background:	This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]

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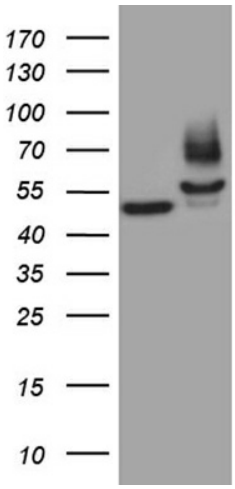
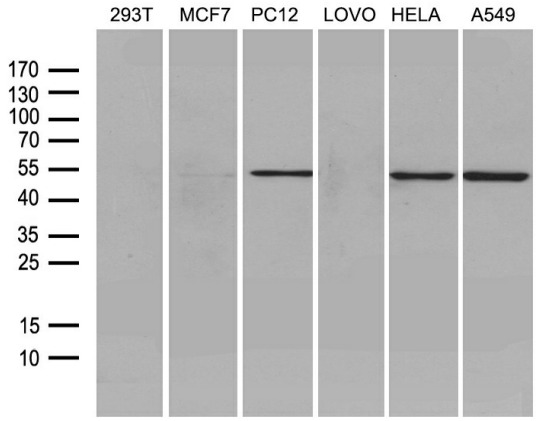
Synonyms: FAN1; HSN; p55; SNL

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FSCN1 (Cat# [RC203031], 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-FSCN1 (Cat# TA807295)(1:500). Positive lysates [LY401076] (100ug) and [LC401076] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 6 different cell lines by using anti-FSCN1 monoclonal antibody (1:500).

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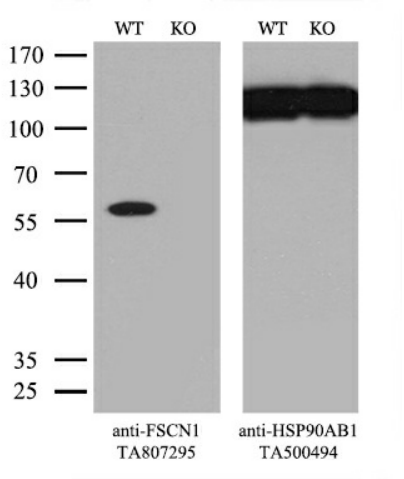
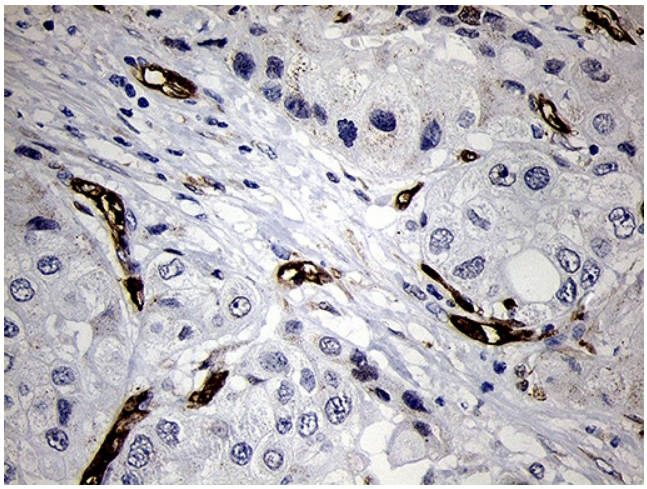
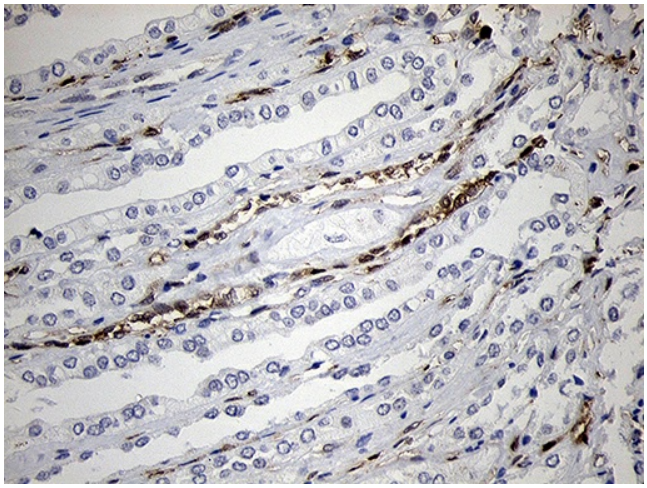


Equivalent amounts of cell lysates (10 ug per lane) of wild-type Hela cells (WT, Cat# LC810HELA) and FSCN1-Knockout Hela cells (KO, Cat# [LC810219]) were separated by SDS-PAGE and immunoblotted with anti-FSCN1 monoclonal antibody TA807295. Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control (1:500).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue tissue using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)

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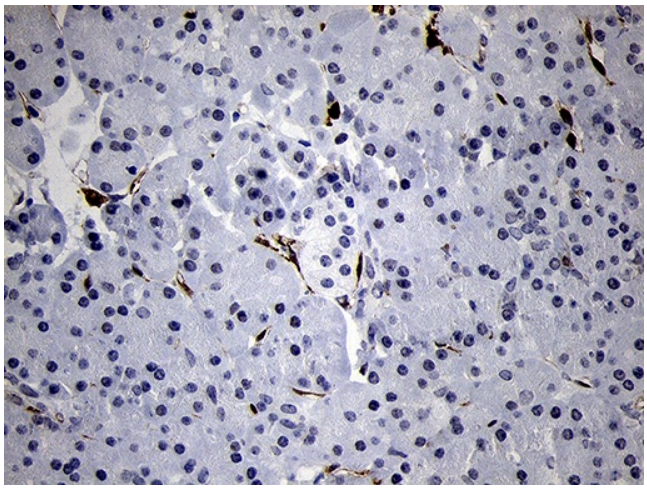
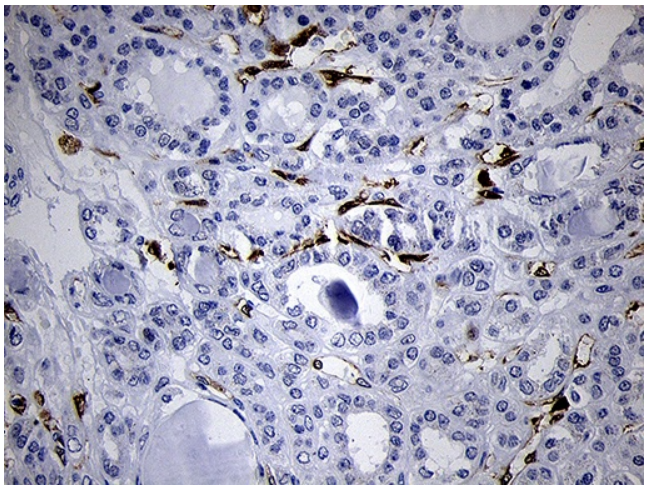
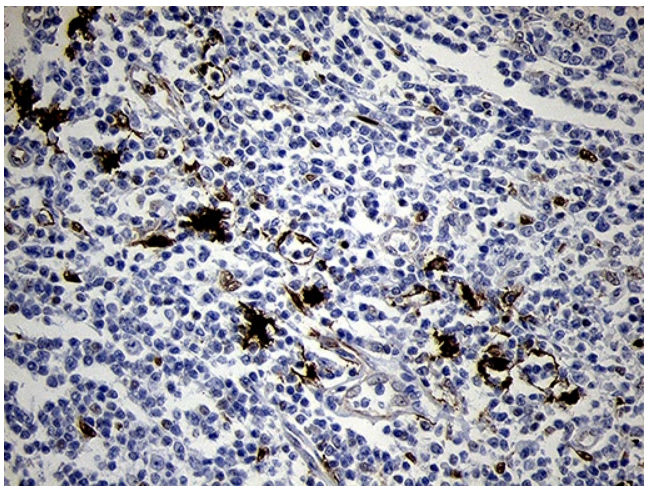


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)

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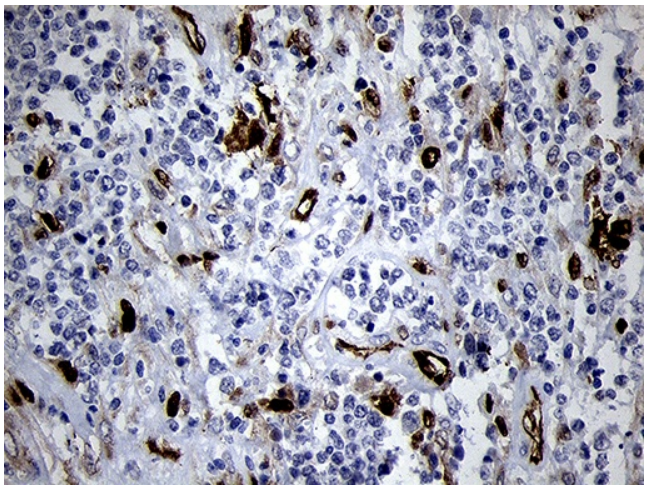
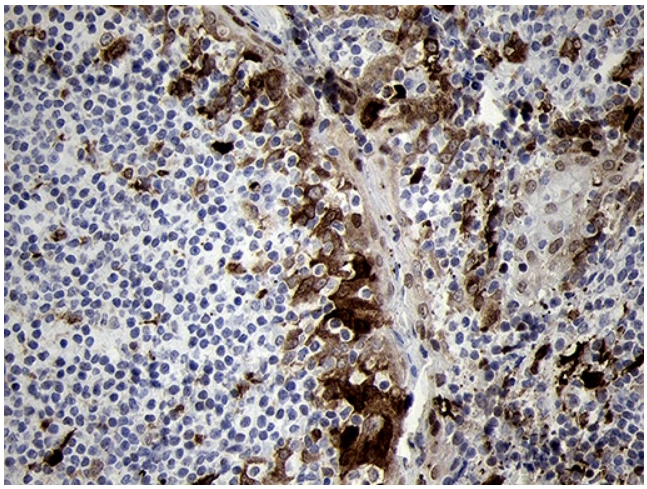


Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-FSCN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA807295) (1:500)

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