

Fascin (ABT-FASN) mouse mAb

Catalog No :	YM4818
Reactivity :	Human;Mouse;Rat;
Applications :	IHC;WB;IF;ELISA
Target :	Fascin
Fields :	>>MicroRNAs in cancer
Gene Name :	FSCN1 FAN1 HSN SNL
Protein Name :	Fascin (55 kDa actin-bundling protein) (Singed-like protein) (p55)
Human Gene Id :	6624
Human Swiss Prot No :	Q16658
Immunogen :	Synthesized peptide derived from human Fascin AA range: 250-350
Specificity :	The antibody can specifically recognize human Fascin protein. In western blotting of Hela cell lysate, the antibody can label a 55 kDa band corresponding to Fascin, while there is no band detected in
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Mouse, Monoclonal/IgG1, kappa
Dilution :	IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
Purification :	Protein G
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	55kD
Observed Band :	55kD

Background :

Fascin is a highly conserved actin bundle protein, which is located in microfilaments and stress fibers involved in microfilament bundle formation. It is mainly expressed in dendritic cells and is a sensitive marker of R-S cells. Lymphocytes, plasma cells and myeloid cells did not express. It can be used to diagnose Hodgkin's lymphoma and Langerhans cell histiocytosis.

Function :

disease: Marks and mediates breast cancer metastasis to the lungs. FSCN1 is not functionally validated but achieves the highest statistical significance (P less than 0.000001). Those subjects expressing the lung metastasis signature have a significantly poorer lung metastasis-free survival, but not bone metastasis-free survival, compared to subjects without the signature.,function: Organizes filamentous actin into bundles with a minimum of 4.1:1 actin/fascin ratio. Probably involved in the assembly of actin filament bundles present in microspikes, membrane ruffles, and stress fibers.,PTM: Phosphorylation on Ser-39 inhibits the actin-binding ability of fascin.,similarity: Belongs to the fascin family.,subunit: Associates with beta-catenin.,tissue specificity: Ubiquitous.,

Subcellular Location :

Cytoplasmic

Expression :

Ubiquitous.

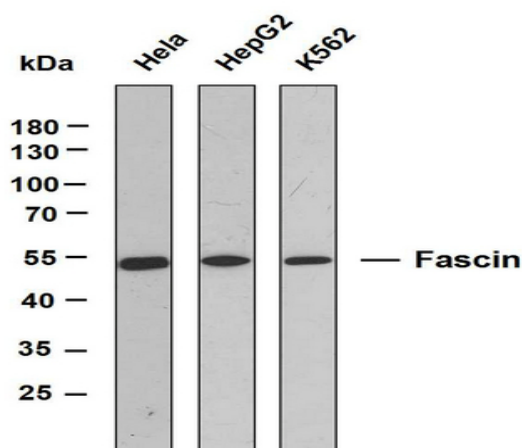
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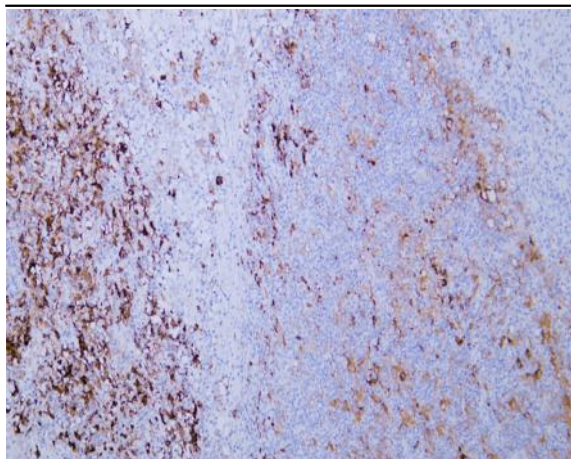
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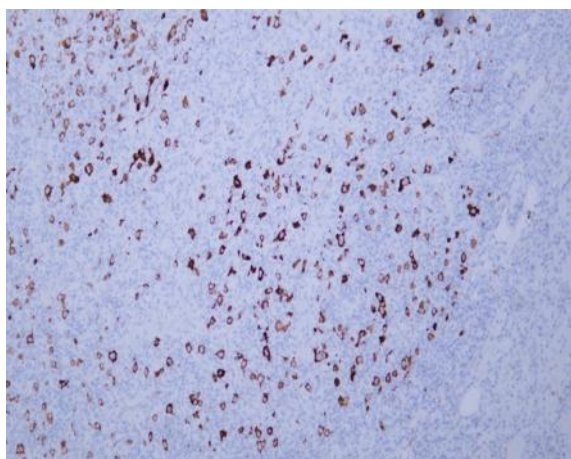
Products Images



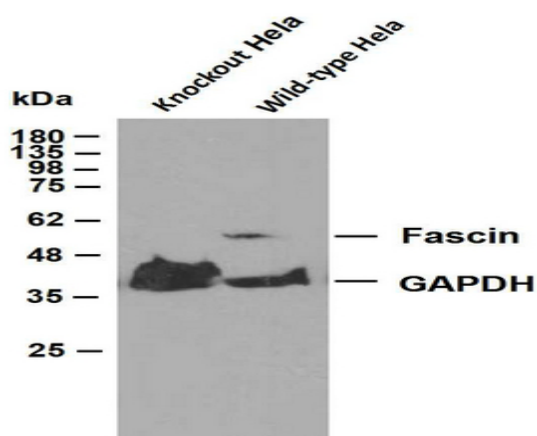
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Fascin antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.



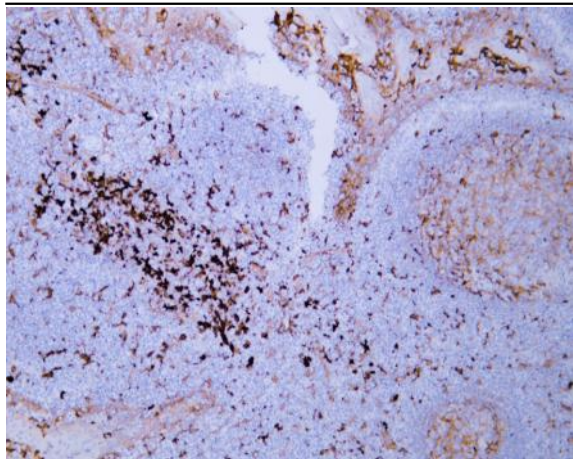
Human Hodgkin lymphoma tissue was stained with Anti-Fascin (ABT-FASN) Antibody



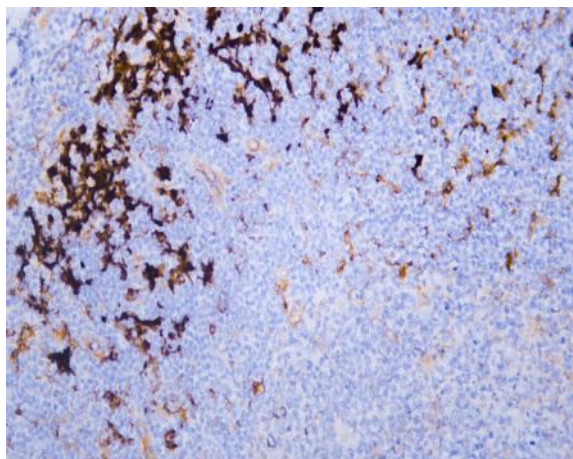
Human Hodgkin lymphoma tissue was stained with Anti-Fascin (ABT-FASN) Antibody



Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Fascin and anti-GAPDH antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody. Lane 1 : Fascin knockout HeLa cell lysate Lane 2 : Wide type HeLa cell lysate



Human tonsil tissue was stained with Anti-Fascin (ABT-FASN) Antibody



Human tonsil tissue was stained with Anti-Fascin (ABT-FASN) Antibody