Best Tools for immunology Research

Fascin (ABT-FASN) IHC kit

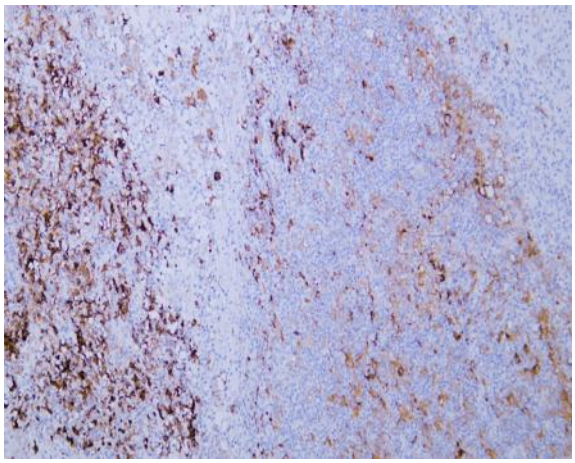
Catalog No :	IHCM6178
Reactivity :	Human;Mouse;Rat;
Applications :	IHC
Target :	Fascin
Fields :	>>MicroRNAs in cancer
Gene Name :	FSCN1 FAN1 HSN SNL
Protein Name :	Fascin (55 kDa actin-bundling protein) (Singed-like protein) (p55)
Human Gene Id :	6624
Human Swiss Prot No :	Q16658
Immunogen :	Synthesized peptide derived from human Fascin AA range: 250-350
Specificity :	The antibody can specifically recognize human Fascin protein.
Source :	Mouse, Monoclonal/IgG1, kappa
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year
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],

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.,

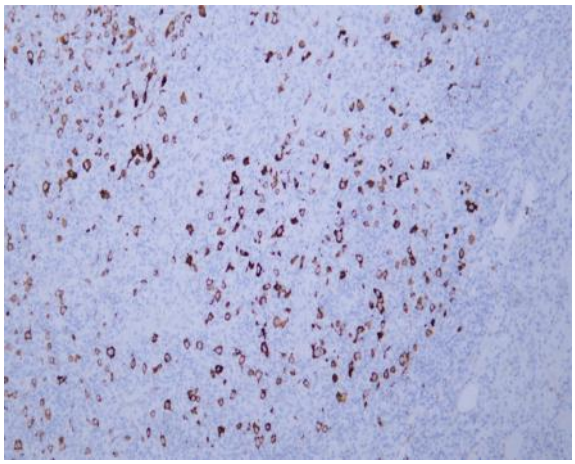
Subcellular Location : Cytoplasmic

Expression : Ubiquitous.

Products Images



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



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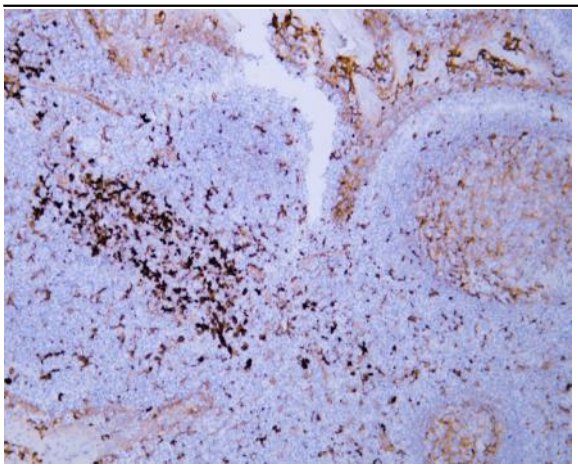
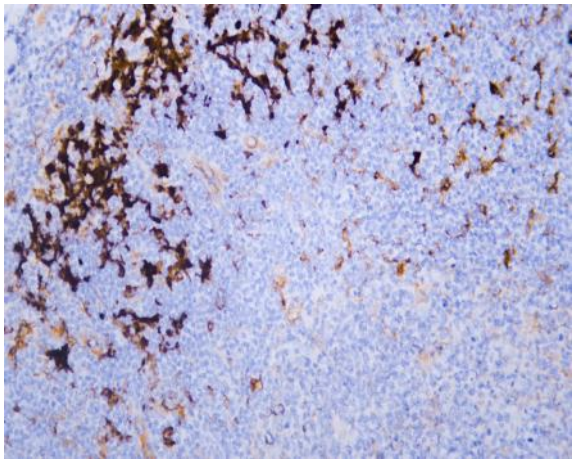


Human tonsil tissue was stained with Anti-Fascin (ABT-FASN) Antibody



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