

Anti-Fascin Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

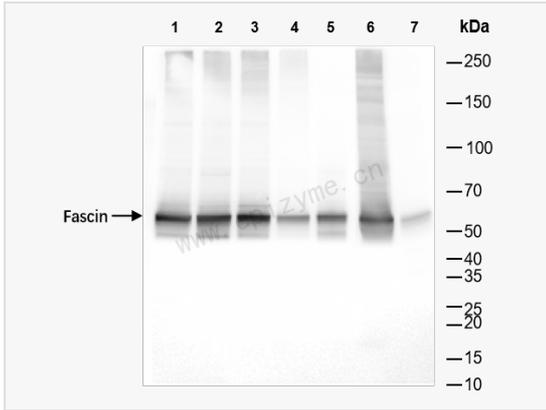
Catalog # R015012

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	15I54C24
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Fascin
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Fascin Rabbit mAb [15I54C24] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	55 kDa actin bundling protein, 55 kDa actin-bundling protein, Actin bundling protein, actin bundling protein, 55-KD, FAN 1, FAN1, Fascin 1, Fascin actin bundling protein 1, Fascin, Fascin homolog 1 actin bundling protein (Strongylocentrotus purpuratus), Fascin homolog 1, Fascin, sea urchin, homolog of, 1, Fascin1, FLJ38511, FSCN 1, FSCN1, FSCN1_HUMAN, HSN, p55, Singed (Drosophila) like (sea urchin fascin homolog like), Singed drosophila homolog like, Singed like (fascin homolog sea urchin) (Drosophila), Singed like (fascin homolog sea urchin), Singed like protein, Singed, drosophila, homolog of, Singed-like protein, SNL, Strongylocentrotus purpuratus.
Calculated MW	Calculated MW: 54 kDa; Observed MW: 54 kDa
Uniprot ID	Q16658
Gene ID	6624
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]
Cellular Location	Cytoplasm > cytoskeleton. Cell projection > filopodium. Cell projection > invadopodium.
Tissue Location	Ubiquitous.



Western Blot - Anti-Fascin Rabbit mAb [15154C24]

All lanes: R015012 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: Mouse brain whole tissue lysates

Lane 7: Mouse muscle whole tissue lysates

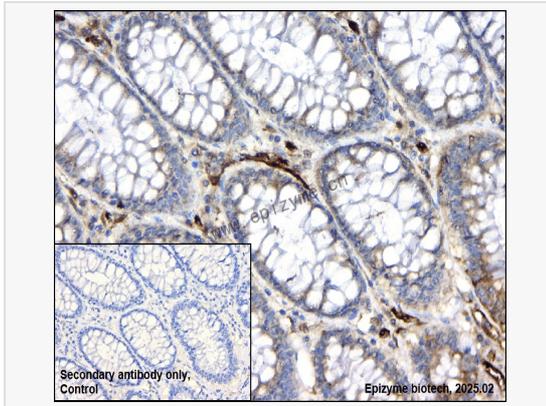
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 54 kDa

Observed band size: 54 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Fascin Rabbit mAb [15154C24]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015012 at 1:200 dilution

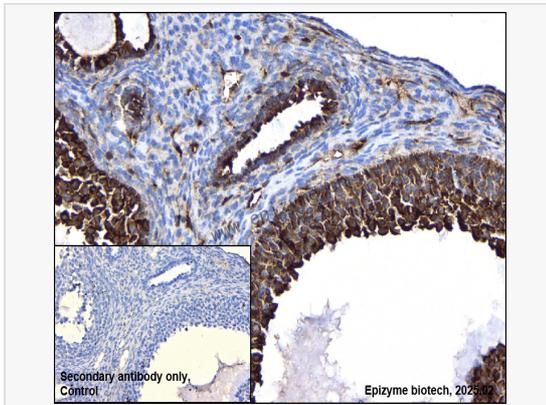
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Fascin Rabbit mAb [15154C24]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse ovary tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015012 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.