Data Sheet (Cat.No.TMAH-00458)

TargetMol

Anti-FSCN1 Antibody (4N164)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4N164
Purification:	Affinity-chromatography

Applications

Verified Activity:	1. IHC image of TMAH-00458 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB. 2. IHC image of TMAH-00458 diluted at 1:200 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA,IHC
Recommended	IHC:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human FSCN1 Protein
Antigen Species:	Human
Gene ID:	6624
Uniprot ID:	Q16658
Synonyms:	FAN 1;FLJ38511;Fascin 1;HSN;FSCN 1;55 kDa actin-bundling protein;Fascin homolog 1 actin bundling protein;Fascin homolog 1;Singed (Drosophila) like (sea urchin fascin homolog like); Strongylocentrotus purpuratus;SNL;Fascin;Singed drosophila homolog like;FAN1;Fascin1; Fascin actin bundling protein 1;p55;55 kDa actin bundling protein;Singed;sea urchin
Biology Area:	Signal transduction

Research Background

Actin-binding protein that contains 2 major actin binding sites. Organizes filamentous actin into parallel bundles.

Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers. Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration. Mediates reorganization of the actin cytoskeleton and axon growth cone collapse in response to

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