

Anti-CLIP170 Rabbit Monoclonal Antibody

Catalog # ABO16370

Product Information

Application	WB, IHC
Primary Accession	P30622
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CLIP170 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	6249
Other Names	CAP-Gly domain-containing linker protein 1, Cytoplasmic linker protein 1, Cytoplasmic linker protein 170 alpha-2, CLIP-170, Reed-Sternberg intermediate filament-associated protein, Restin, CLIP1, CYLN1, RSN
Calculated MW	162246
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29C06
Immunogen	A synthesized peptide derived from human CLIP170
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CLIP1
Synonyms	CYLN1, RSN
Function	Binds to the plus end of microtubules and regulates the dynamics of the

microtubule cytoskeleton. Promotes microtubule growth and microtubule bundling. Links cytoplasmic vesicles to microtubules and thereby plays an important role in intracellular vesicle trafficking. Plays a role in macropinocytosis and endosome trafficking.

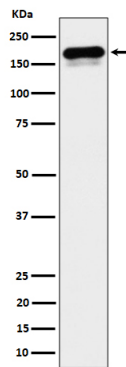
Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle. Note=Localizes to microtubule plus ends (PubMed:17889670, PubMed:21646404). Localizes preferentially to the ends of tyrosinated microtubules (By similarity). Accumulates in plasma membrane regions with ruffling and protrusions. Associates with the membranes of intermediate macropinocytic vesicles (PubMed:12433698) {ECO:0000250|UniProtKB:Q922J3, ECO:0000269|PubMed:12433698, ECO:0000269|PubMed:17889670, ECO:0000269|PubMed:21646404}

Tissue Location

Detected in dendritic cells (at protein level). Highly expressed in the Reed-Sternberg cells of Hodgkin disease

Images



Western blot analysis of CLIP170 expression in HeLa cell lysate.

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