

KD-Validated Anti-CLIP1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1157

Product Information

Application	WB, FC, ICC
Primary Accession	P30622
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB3080
Calculated MW	162246
Gene Name	CLIP1
Aliases	CLIP1; CAP-Gly Domain Containing Linker Protein 1; CLIP-170; CYLN1; CLIP170; CLIP; RSN; Restin (Reed-Steinberg Cell-Expressed Intermediate Filament-Associated Protein); CAP-Gly Domain-Containing Linker Protein 1; Cytoplasmic Linker Protein 170 Alpha-2; Cytoplasmic Linker Protein 1; Restin; Reed-Sternberg Intermediate Filament-Associated Protein; Cytoplasmic Linker Protein CLIP-170
Immunogen	A synthesized peptide derived from CLIP170

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

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 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

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