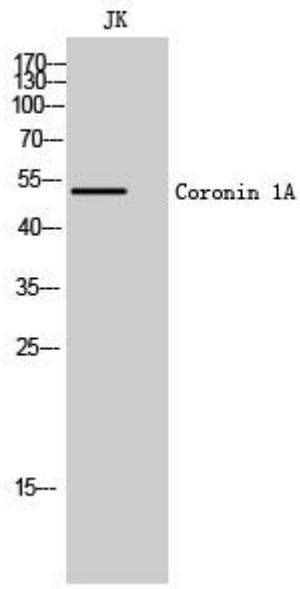
Coronin 1A Monoclonal Antibody

Catalog No	YP-mAb-03107
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CORO1A
Protein Name	Coronin-1A
Immunogen	Synthesized peptide derived from Coronin 1A . at AA range: 150-230
Specificity	Coronin 1A Monoclonal Antibody detects endogenous levels of Coronin 1A protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CORO1A; CORO1; Coronin-1A; Coronin-like protein A; Clipin-A; Coronin-like protein p57; Tryptophan aspartate-containing coat protein; TACO
Observed Band	51kD
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm, cell cortex . Cytoplasmic vesicle, phagosome membrane . In non-infected macrophages, associated with the cortical microtubule network. In mycobacteria-infected macrophages, becomes progressively relocalized and retained around the mycobacterial phagosomes. Retention on the phagosomal membrane is strictly dependent on mycobacterial viability and not due to impaired acidification (By similarity). .
Tissue Specificity	Expressed in brain, thymus, spleen, bone marrow and lymph node. Low in lung and gut.
Function	function:May be a crucial component of the cytoskeleton of highly motile cells, functioning both in the invagination of large pieces of plasma membrane, as well as in forming protrusions of the plasma membrane involved in cell locomotion. In mycobacteria-infected cells, its retention on the phagosomal membrane prevents fusion between phagosomes and lysosomes.,similarity:Belongs to the WD repeat coronin family.,similarity:Contains 5 WD repeats.,subcellular location:In non-infected macrophages, associated with the cortical microtubule network. In mycobacteria-infected macrophages, becomes progressively relocalized and retained around the mycobacterial phagosomes. Retention on the phagosomal membrane is strictly dependent on mycobacterial viability and not due to impaired

	acidification.,subunit:Binds actin.,tissue specificity:Expressed in brain, thymus, spleen, bone marrow and lymph node. L
Background	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Alternative splicing results in multiple transcript variants. A related pseudogene has been defined on chromosome 16. [provided by RefSeq, Sep 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Coronin 1A Monoclonal Antibody