

Anti-CORO1A / Coronin 1a Antibody (clone 4G10)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS17708

Product Information

Application	WB, IHC-P, E
Primary Accession	P31146
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	4G10
Calculated MW	51026
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	11151
Alias Symbol	CORO1A
Other Names	CORO1A, Clipin-A, Coronin-like protein A, Coronin-like protein p57, CLIPINA, Coronin-1, Coronin-1A, HCORO1, p57, TACO, CLABP, CORO1
Target/Specificity	Human CORO1A
Reconstitution & Storage	Protein A purified
Precautions	Anti-CORO1A / Coronin 1a Antibody (clone 4G10) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CORO1A
Synonyms	CORO1
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.
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Cytoplasmic vesicle, phagosome membrane. Note=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 Location

Expressed in brain, thymus, spleen, bone marrow and lymph node. Low in lung and gut

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.