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CORO1A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CORO1A.
Catalog # AT1594a

Specification

CORO1A Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	P31146
Other Accession	NM_007074
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**51026**

CORO1A Antibody (monoclonal) (M01) - Additional Information

Gene ID 11151

Other Names
Coronin-1A, Coronin-like protein A, Clipin-A, Coronin-like protein p57, Tryptophan aspartate-containing coat protein, TACO, CORO1A, CORO1

Target/Specificity
CORO1A (NP_009005, 360 a.a. ~ 461 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
CORO1A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CORO1A Antibody (monoclonal) (M01) - Protocols

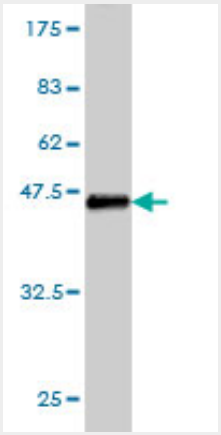
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

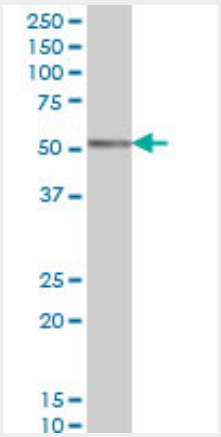
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

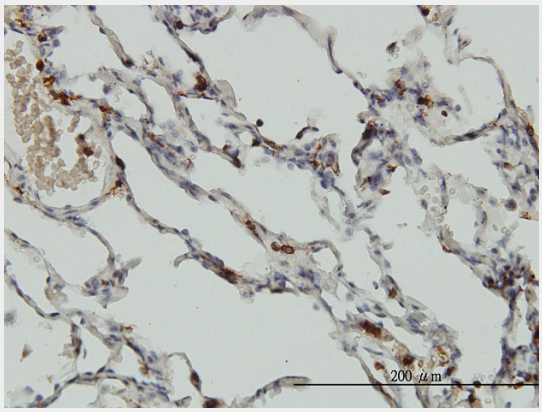
CORO1A Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.96 KDa) .



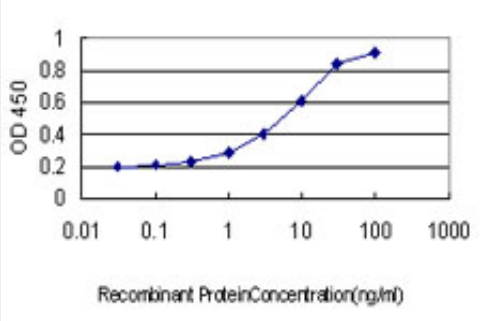
CORO1A monoclonal antibody (M01), clone 4G10 Western Blot analysis of CORO1A expression in K-562 ((Cat # AT1594a)



Immunoperoxidase of monoclonal antibody to CORO1A on formalin-fixed paraffin-embedded

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human lung. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged CORO1A is approximately 0.1ng/ml as a capture antibody.

CORO1A Antibody (monoclonal) (M01) - 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.

CORO1A Antibody (monoclonal) (M01) - References

1.Coronin 1 regulates cognition and behavior through modulation of cAMP/protein kinase A signaling.Jayachandran R, Liu X, Bosedasgupta S, Muller P, Zhang CL, Moshous D, Studer V, Schneider J, Genoud C, Fossoud C, Gambino F, Khelfaoui M, Muller C, Bartholdi D, Rossez H, Stiess M, Houbaert X, Jaussi R, Frey D, Kammerer RA, Deupi X, de Villartay JP, Luthi A, Humeau Y, Pieters JPLoS Biol. 2014 Mar 25;12(3):e1001820. doi: 10.1371/journal.pbio.1001820. eCollection 2014 Mar.2.The actin-binding protein CORO1A is a novel PU.1 (SPI1)- and CEBPA-regulated gene with significantly lower expression in APL and CEBPA-mutated AML patients.Federzoni EA, Humbert M, Valk PJ, Behre G, Leibundgut EO, Torbett BE, Fey MF, Tschan MP.Br J Haematol. 2012 Dec 17. doi: 10.1111/bjh.12170.3.Coronin-1 Is Associated with Neutrophil Survival and Is Cleaved during Apoptosis: Potential Implication in Neutrophils from Cystic Fibrosis Patients.Moriceau S, Kantari C, Mocek J, Davezac N, Gabillet J, Guerrera IC, Brouillard F, Tondelier D, Sermet-Gaudelus I, Danel C, Lenoir G, Daniel S, Edelman A, Witko-Sarsat V.J Immunol. 2009 Jun 1;182(11):7254-63.