

Datasheet

CORO1A monoclonal antibody (M01), clone 4G10

Catalog Number: H00011151-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CORO1A.

Clone Name: 4G10

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

Sequence:

QEDLYPPTAGPDPALTAEEWLGGRDAGPLLISLKDGY
VPPKSRELVRNRLDTRRRRAAPEASGTPSSDAVSRL
EEEMRKLQATVQELQKRLDRLEETVQAK

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 11151

Gene Symbol: CORO1A

Gene Alias: CLABP, CLIPINA, FLJ41407, HCORO1, MGC117380, TACO, p57

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, Khelifaoui 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 J PLoS 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, Guerrero 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.