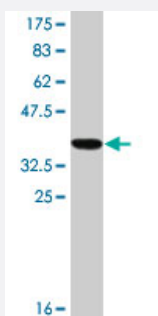


RAB1A monoclonal antibody (M07A), clone 3F10

Catalog # H00005861-M07A

Size 200 uL

Applications



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RAB1A.
Immunogen	RAB1A (NP_004152.1, 106 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LQEIDRYASENVNKLVLGNKCDLTTKKVVDYTTAKEFADSLGIPFLETSAKNATNVEQSFMTMAAE IKKRMGPGATAGGAEKSNVKIQSTPVKQSGGGC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RAB1A

Entrez GeneID	5861
GeneBank Accession#	NM_004161
Protein Accession#	NP_004152.1
Gene Name	RAB1A
Gene Alias	DKFZp564B163, RAB1, YPT1
Gene Description	RAB1A, member RAS oncogene family
Omim ID	179508
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms. [provided by RefSeq]
Other Designations	GTP binding protein Rab1a RAB1, member RAS oncogene family Rab GTPase YPT1 homolog

Publication Reference

- [Rab1A Is an mTORC1 Activator and a Colorectal Oncogene.](#)

Thomas JD, Zhang YJ, Wei YH, Cho JH, Morris LE, Wang HY, Zheng XF.
Cancer Cell 2014 Nov; 26(5):754.

Application: IF, Human, HEK293E-GM130-GFP