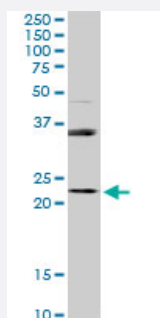


RAB31 monoclonal antibody (M03), clone 4D12

Catalog # H00011031-M03

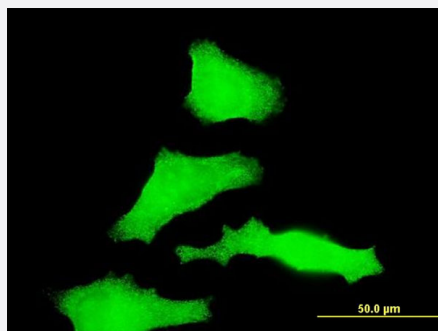
Size 100 ug

Applications



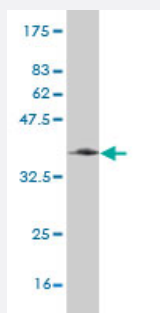
Western Blot (Cell lysate)

RAB31 monoclonal antibody (M03), clone 4D12. Western Blot analysis of RAB31 expression in HeLa S3 NE (Cat # L013V3).



Immunofluorescence

Immunofluorescence of monoclonal antibody to RAB31 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RAB31.

Immunogen	RAB31 (AAH01148, 96 a.a. ~ 195 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TLKKWVKELKEHGPENIVMAIAGNKCDLSDIREVPLKDAKEYAESIGAMVETSAKNAINIEELFQGI SRQIPPLDPHENGNGTIKVEKPTMQASRRCC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RAB31 monoclonal antibody (M03), clone 4D12. Western Blot analysis of RAB31 expression in HeLa S3 NE(Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to RAB31 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — RAB31

Entrez GeneID	11031
GeneBank Accession#	BC001148

Protein Accession#	AAH01148
Gene Name	RAB31
Gene Alias	Rab22B
Gene Description	RAB31, member RAS oncogene family
Omim ID	605694
Gene Ontology	Hyperlink
Gene Summary	Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting (Bao et al., 2002 [PubMed 11784320]).[supplied by OMIM]
Other Designations	-

Publication Reference

- [Rab31 promotes metastasis and cisplatin resistance in stomach adenocarcinoma through Twist1-mediated EMT.](#)

Ke Chen, Ji Xu, Yu-Ling Tong, Jia-Fei Yan, Yu Pan, Wei-Jia Wang, Li Zheng, Xiao-Xiao Zheng, Can Hu, Xiu Hu, Xian Shen, Wei Chen.

Cell Death & Disease 2023 Feb; 14(2):115.

Application: IHC-P, WB-Ce, WB-Ti, Human, AGS, BGC-823, Human stomach adenocarcinoma, MGC-803 cells

- [p75 neurotrophin receptor regulates glucose homeostasis and insulin sensitivity.](#)

Baeza-Raja B, Li P, Le Moan N, Sachs BD, Schachtrup C, Davalos D, Vagena E, Bridges D, Kim C, Saltiel AR, Olefsky JM, Akassoglou K.

PNAS 2012 Apr; 109(15):5838.

Application: WB, Mouse , MEFs

Pathway

- [Endocytosis](#)

Disease

- [Tobacco Use Disorder](#)