

RAB43 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RAB43.****Catalog # AT3528a****Specification**

RAB43 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q86YS6
Other Accession	NM_198490
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	23339

RAB43 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 339122**Other Names**

Ras-related protein Rab-43, Ras-related protein Rab-41, RAB43, RAB41

Target/Specificity

RAB43 (NP_940892, 113 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

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

RAB43 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

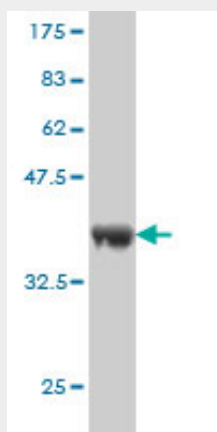
RAB43 Antibody (monoclonal) (M01) - Protocols

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

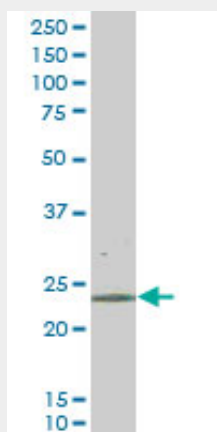
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

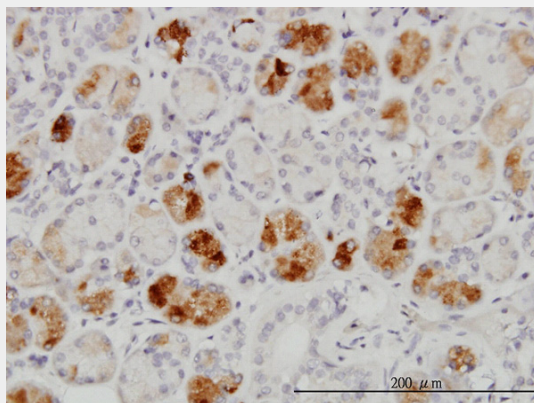
RAB43 Antibody (monoclonal) (M01) - Images



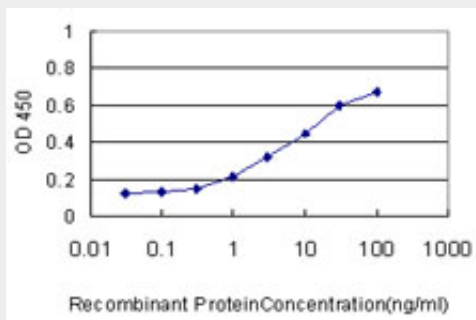
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 kDa) .



RAB43 monoclonal antibody (M01), clone 5G4 Western Blot analysis of RAB43 expression in HepG2 ((Cat # AT3528a)



Immunoperoxidase of monoclonal antibody to RAB43 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RAB43 is approximately 0.1ng/ml as a capture antibody.

RAB43 Antibody (monoclonal) (M01) - References

Rab18 and Rab43 have key roles in ER-Golgi trafficking. Dejgaard SY, et al. J Cell Sci, 2008 Aug 15. PMID 18664496. Analysis of GTPase-activating proteins: Rab1 and Rab43 are key Rabs required to maintain a functional Golgi complex in human cells. Haas AK, et al. J Cell Sci, 2007 Sep 1. PMID 17684057. Specific Rab GTPase-activating proteins define the Shiga toxin and epidermal growth factor uptake pathways. Fuchs E, et al. J Cell Biol, 2007 Jun 18. PMID 17562788. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Isolation, expression pattern of a novel human RAB gene RAB41 and characterization of its intronless homolog RAB41P. Guo JH, et al. DNA Seq, 2003 Dec. PMID 15018353.