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RFWD2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RFWD2.
Catalog # AT3625a

Specification

RFWD2 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q8NHY2
Other Accession	NM_022457
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**80474**

RFWD2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 64326

Other Names
E3 ubiquitin-protein ligase RFWD2, 632-, Constitutive photomorphogenesis protein 1 homolog, hCOP1, RING finger and WD repeat domain protein 2, RING finger protein 200, RFWD2, COP1, RNF200

Target/Specificity
RFWD2 (NP_071902, 632 a.a. ~ 731 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
RFWD2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RFWD2 Antibody (monoclonal) (M01) - Protocols

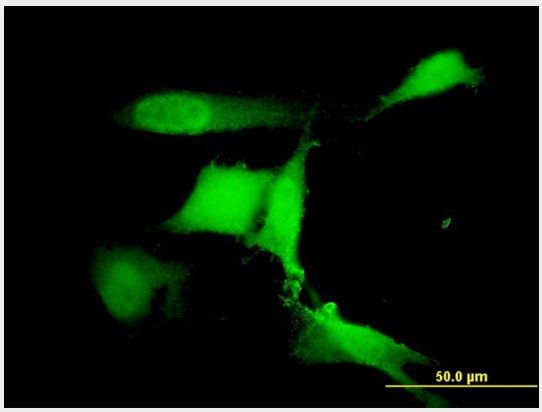
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

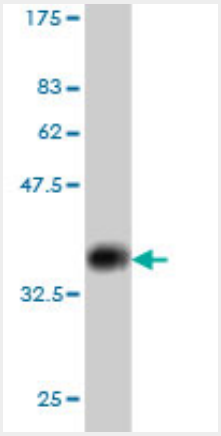
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

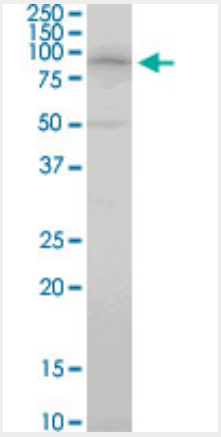
RFWD2 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to RFWD2 on NIH/3T3 cell. [antibody concentration 10 ug/ml]

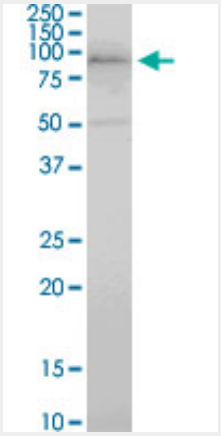


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

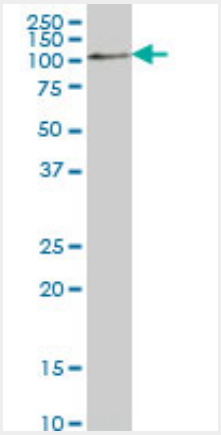


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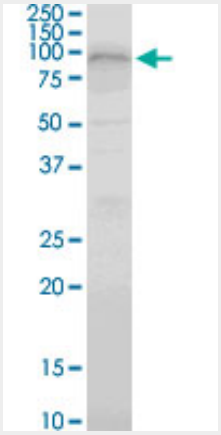
RFWD2 monoclonal antibody (M01), clone 1E4. Western Blot analysis of RFWD2 expression in A-431.



RFWD2 monoclonal antibody (M01), clone 1E4. Western Blot analysis of RFWD2 expression in Jurkat.

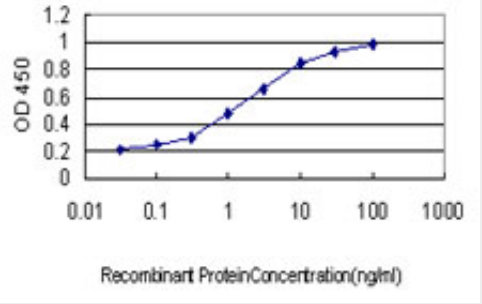


RFWD2 monoclonal antibody (M01), clone 1E4 Western Blot analysis of RFWD2 expression in NIH/3T3 ((Cat # AT3625a)



RFWD2 monoclonal antibody (M01), clone 1E4. Western Blot analysis of RFWD2 expression in K-562.

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Detection limit for recombinant GST tagged RFWD2 is approximately 0.1ng/ml as a capture antibody.

RFWD2 Antibody (monoclonal) (M01) - References

An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.E3 ubiquitin ligase COP1 regulates the stability and functions of MTA1. Li DQ, et al. Proc Natl Acad Sci U S A, 2009 Oct 13. PMID 19805145.COP1 contributes to UVB-induced signaling in human keratinocytes. Kiny? A, et al. J Invest Dermatol, 2010 Feb. PMID 19741714.COP1 functions as a FoxO1 ubiquitin E3 ligase to regulate FoxO1-mediated gene expression. Kato S, et al. J Biol Chem, 2008 Dec 19. PMID 18815134.