

**RFWD2 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant RFWD2.****Catalog # AT3625a****Specification**

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**RFWD2 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | IF, WB, E                 |
| Primary Accession | <a href="#">Q8NHY2</a>    |
| Other Accession   | <a href="#">NM_022457</a> |
| 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.

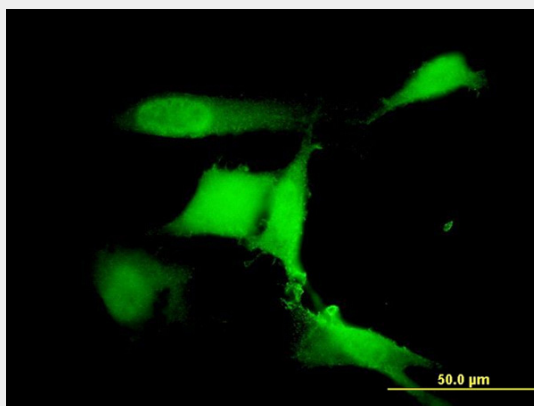
**RFWD2 Antibody (monoclonal) (M01) - Protocols**

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

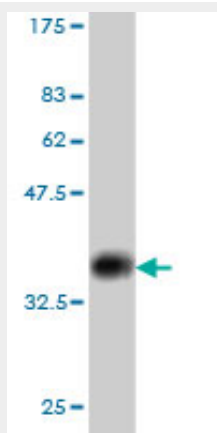
- [Western Blot](#)
- [Blocking Peptides](#)

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

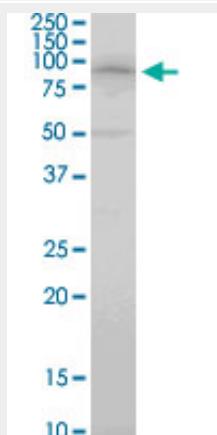
## RFWD2 Antibody (monoclonal) (M01) - Images



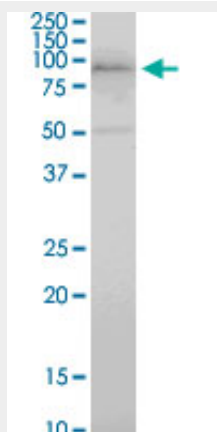
Immunofluorescence of monoclonal antibody to RFWD2 on NIH/3T3 cell. [antibody concentration 10 ug/ml]



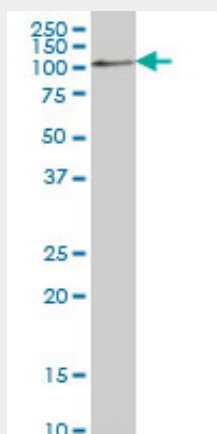
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



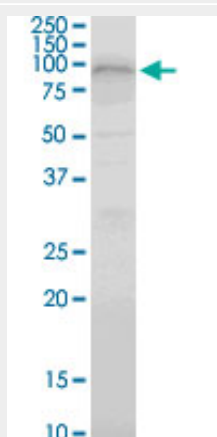
RFWD2 monoclonal antibody (M01), clone 1E4. Western Blot analysis of RFWD2 expression in A-431.



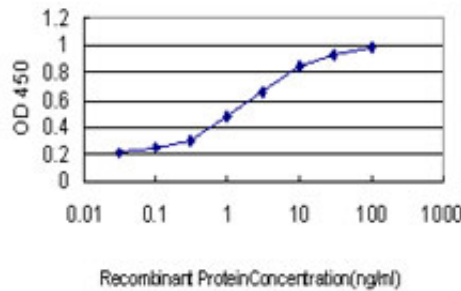
RFWD2 monoclonal antibody (M01), clone 1E4. Western Blot analysis of RFWD2 expression in Jurkat.



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.



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.