

RNF125 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RNF125.****Catalog # AT3661a****Specification**

RNF125 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O96EQ8
Other Accession	NM_017831
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	26454

RNF125 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 54941**Other Names**

E3 ubiquitin-protein ligase RNF125, 632-, RING finger protein 125, T-cell RING activation protein 1, TRAC-1, RNF125

Target/Specificity

RNF125 (NP_060301, 143 a.a. ~ 231 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

RNF125 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

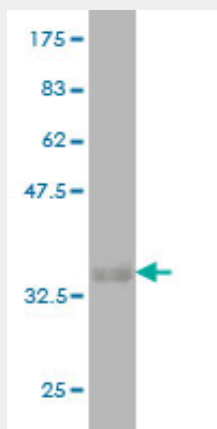
RNF125 Antibody (monoclonal) (M01) - Protocols

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

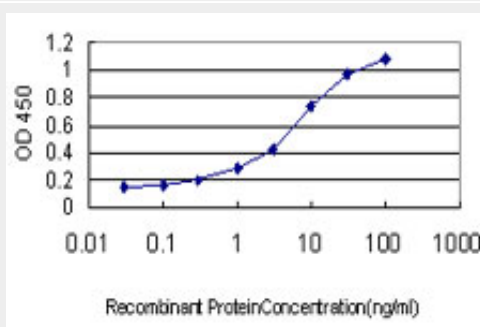
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

RNF125 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



Detection limit for recombinant GST tagged RNF125 is approximately 0.03ng/ml as a capture antibody.

RNF125 Antibody (monoclonal) (M01) - Background

This gene encodes a novel E3 ubiquitin ligase that contains an N-terminal RING finger domain. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway.

RNF125 Antibody (monoclonal) (M01) - References

T-cell regulator RNF125/TRAC-1 belongs to a novel family of ubiquitin ligases with zinc fingers and a ubiquitin-binding domain. Giannini AL, et al. Biochem J, 2008 Feb 15. PMID 17990982. Ubch8 regulates ubiquitin and ISG15 conjugation to RIG-I. Arimoto K, et al. Mol Immunol, 2008 Feb. PMID 17719635. The RING finger ubiquitin ligase RNF125/TRAC-1 down-modulates HIV-1 replication in primary human peripheral blood mononuclear cells. Shoji-Kawata S, et al. Virology, 2007 Nov 10. PMID 17643463. A novel E3 ubiquitin ligase TRAC-1 positively regulates T cell activation. Zhao H, et al. J Immunol, 2005 May 1. PMID 15843525. 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.