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RNF139 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RNF139.
Catalog # AT3665a

Specification

RNF139 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	Q8WU17
Other Accession	NM_007218
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**75994**

RNF139 Antibody (monoclonal) (M01) - Additional Information

Gene ID 11236

Other Names
E3 ubiquitin-protein ligase RNF139, 632-, RING finger protein 139, Translocation in renal carcinoma on chromosome 8 protein, RNF139 (HGNC:17023)

Target/Specificity
RNF139 (NP_009149, 565 a.a. ~ 664 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
RNF139 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF139 Antibody (monoclonal) (M01) - Protocols

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

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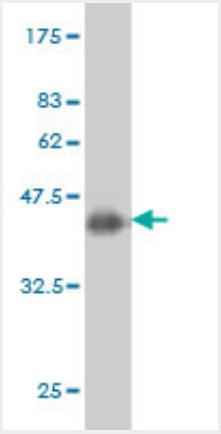
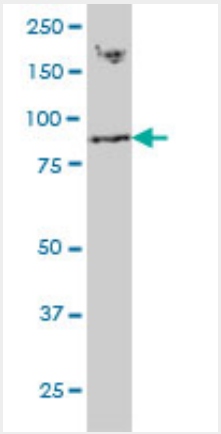
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RNF139 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



RNF139 monoclonal antibody (M01), clone 3D10 Western Blot analysis of RNF139 expression in HepG2 ((Cat # AT3665a)

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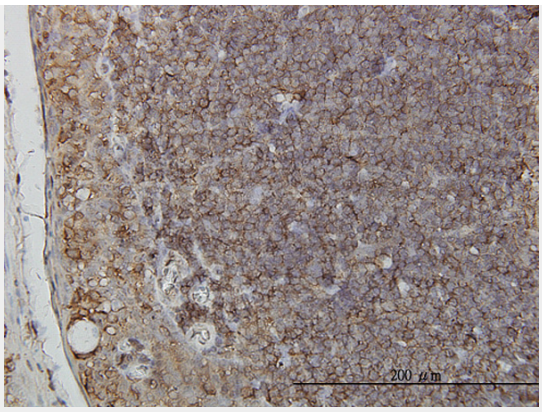
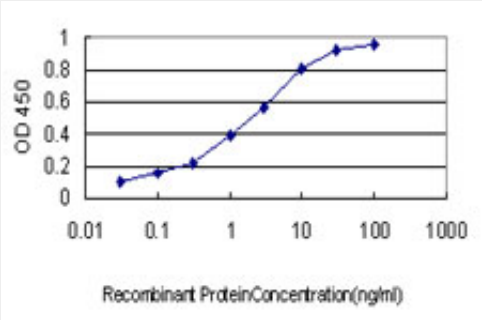


Immunoperoxidase of monoclonal antibody to RNF139 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RNF139 is approximately 0.03ng/ml as a capture antibody.

RNF139 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a multi-membrane spanning protein containing a RING-H2 finger. This protein is located in the endoplasmic reticulum, and has been shown to possess ubiquitin ligase activity. This gene was found to be interrupted by a t(3:8) translocation in a family with hereditary renal and non-medulary thyroid cancer. Studies of the Drosophila counterpart suggested that this protein may interact with tumor suppressor protein VHL, as well as with COPS5/JAB1, a protein responsible for the degradation of tumor suppressor CDKN1B/P27KIP.

RNF139 Antibody (monoclonal) (M01) - References

1.A meckelin-filamin A interaction mediates ciliogenesis.Adams M, Simms RJ, Abdelhamed Z, Dawe HR, Szymanska K, Logan CV, Wheway G, Pitt E, Gull K, Knowles MA, Blair E, Cross SH, Sayer JA, Johnson CA.Hum Mol Genet. 2011 Dec 7.