

**RNF139 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant RNF139.

Catalog # AT3665a

**Specification**

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**RNF139 Antibody (monoclonal) (M01) - Product Information**

Application	WB, IHC, E
Primary Accession	<a href="#">O8WU17</a>
Other Accession	<a href="#">NM_007218</a>
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\\_id=17023](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17023))  
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

**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.

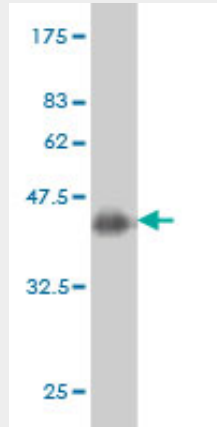
**RNF139 Antibody (monoclonal) (M01) - Protocols**

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

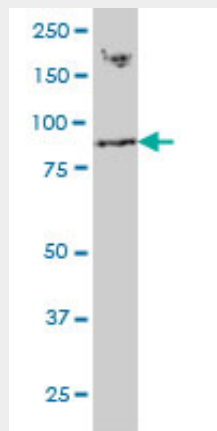
- [Western Blot](#)

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

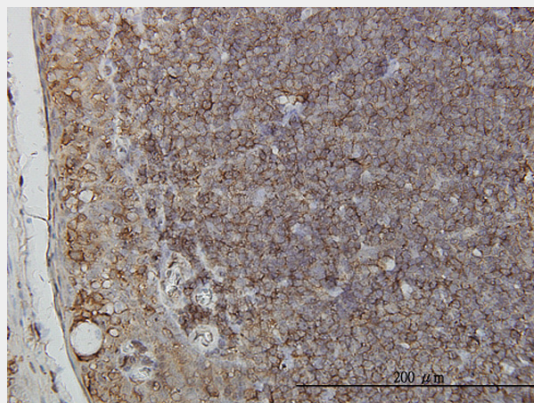
### RNF139 Antibody (monoclonal) (M01) - Images



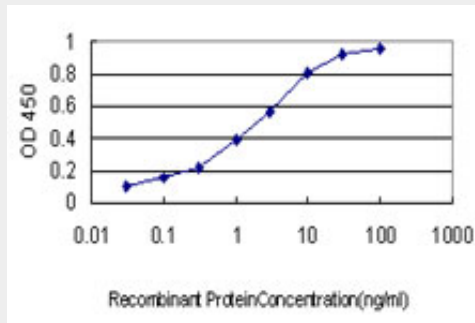
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



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



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-medullary 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.