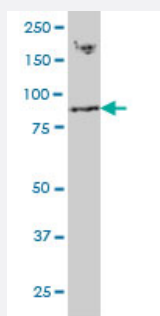


RNF139 monoclonal antibody (M01), clone 3D10

Catalog # H00011236-M01

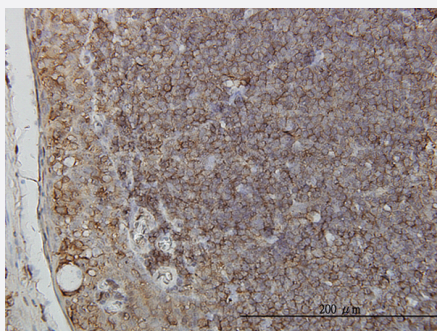
Size 100 ug

Applications



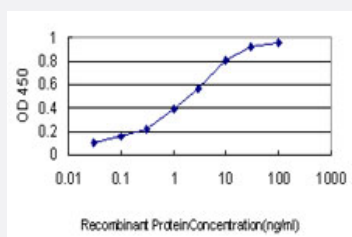
Western Blot (Cell lysate)

RNF139 monoclonal antibody (M01), clone 3D10 Western Blot analysis of RNF139 expression in HepG2 (Cat # L019V1).



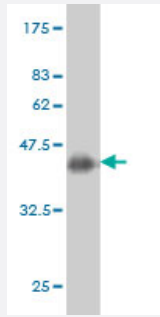
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RNF139.
Immunogen	RNF139 (NP_009149, 565 a.a. ~ 664 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HYFHALCLRKWL YQDTCPMCHQKVYIEDDIKDNSNVSNNGFIPPNETPEEAVREAAAESDRELN EDDSTDCDDDVQRERNGVIQHTGAAAEFND DTD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RNF139 monoclonal antibody (M01), clone 3D10 Western Blot analysis of RNF139 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — RNF139

Entrez GeneID [11236](#)

GeneBank Accession# [NM_007218](#)

Protein Accession# [NP_009149](#)

Gene Name RNF139

Gene Alias HRCA1, MGC31961, RCA1, TRC8

Gene Description ring finger protein 139

Omim ID [144700 603046](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations multiple membrane spanning receptor TRC8|patched related protein translocated in renal cancer

Publication Reference

- [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.

Human Molecular Genetics 2012 Mar; 21(6):1272.