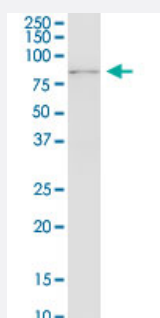


RNF12 monoclonal antibody (M01), clone 1G10

Catalog # H00051132-M01

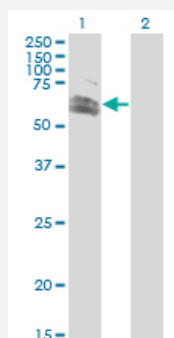
Size 100 ug

Applications



Western Blot (Cell lysate)

RNF12 monoclonal antibody (M01), clone 1G10. Western Blot analysis of RNF12 expression in Hela S3 NE.

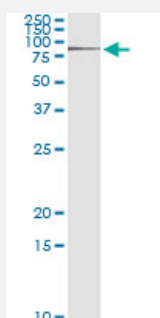


Western Blot (Transfected lysate)

Western Blot analysis of RNF12 expression in transfected 293T cell line by RNF12 monoclonal antibody (M01), clone 1G10.

Lane 1: RNF12 transfected lysate (Predicted MW: 68.5 KDa).

Lane 2: Non-transfected lysate.

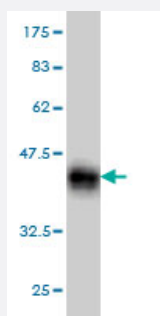
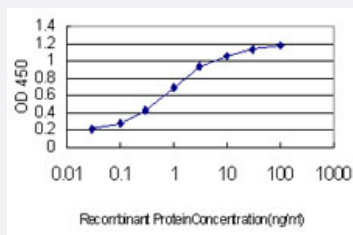


Immunoprecipitation

Immunoprecipitation of RNF12 transfected lysate using anti-RNF12 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RNF12 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RNF12 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.87 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RNF12.
Immunogen	RNF12 (NP_057204, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MENSDSNDKGSGDQSAAQRRSQMDRLDREEAFYQFVNNLSEEDYRLMRDNNLLGTPGESTEE ELLRRLQQIKEGPPPQNSDEN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.87 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)

RNF12 monoclonal antibody (M01), clone 1G10. Western Blot analysis of RNF12 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RNF12 expression in transfected 293T cell line by RNF12 monoclonal antibody (M01), clone 1G10.

Lane 1: RNF12 transfected lysate (Predicted MW: 68.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of RNF12 transfected lysate using anti-RNF12 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RNF12 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RNF12 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RNF12

Entrez GeneID	51132
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GeneBank Accession#	NM_016120
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Protein Accession#	NP_057204
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Gene Name	RNF12
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Gene Alias	MGC15161, NY-REN-43, RLIM
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Gene Description	ring finger protein 12
Omim ID	300379
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a RING-H2 zinc finger protein. It has been shown to be an E3 ubiquitin protein ligase that targets LIM domain binding 1 (LDB1/CLIM), and causes proteasome-dependent degradation of LDB1. This protein and LDB1 are co-repressors of LHX1/LIM-1, a homeodomain transcription factor. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	LIM domain interacting ring finger protein OTTHUMP00000023574 OTTHUMP00000023575 ring zinc finger LIM domain binding protein ring zinc finger protein NY-REN-43antigen

Publication Reference

- [Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse.](#)

Federici F, Magaraki A, Wassenaar E, van Veen-Buurman CJ, van de Werken C, Baart EB, Laven JS, Grootegoed JA, Gribnau J, Baarends WM.

PLoS Genetics 2016 Oct; 12(10):e1006358.

Application: IF, Mouse, Embryo

- [E3 Ubiquitin Ligase RLIM Negatively Regulates c-Myc Transcriptional Activity and Restrains Cell Proliferation.](#)

Gao R, Wang L, Cai H, Zhu J, Yu L.

PLoS One 2016 Sep; 11(9):e0164086.

Application: IP-WB, Human, HEK 293T, H1299, U2OS cells

- [The role of maternal-specific H3K9me3 modification in establishing imprinted X-chromosome inactivation and embryogenesis in mice.](#)

Fukuda A, Tomikawa J, Miura T, Hata K, Nakabayashi K, Eggan K, Akutsu H, Umezawa A.

Nature Communications 2014 Nov; 5:5464.

Application: IF, Mouse, Oocytes injection si-control PEs or si-Rnf12 PEs

- [Nuclear receptor NR4A1 promotes breast cancer invasion and metastasis by activating TGF- \$\beta\$ signalling.](#)

Zhou F, Drabsch Y, Dekker TJ, de Vinuesa AG, Li Y, Hawinkels LJ, Sheppard KA, Goumans MJ, Luwor RB, de Vries CJ, Mesker WE, Tollenaar RA, Devilee P, Lu CX, Zhu H, Zhang L, Dijke PT.

Nature Communications 2014 Mar; 5:3388.

Application: WB-Tr, Human, HEK 293T cells