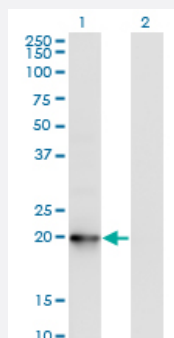


COMMD1 monoclonal antibody (M03), clone 2B12

Catalog # H00150684-M03

Size 100 ug

Applications

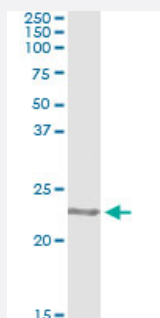


Western Blot (Transfected lysate)

Western Blot analysis of COMMD1 expression in transfected 293T cell line by COMMD1 monoclonal antibody (M03), clone 2B12.

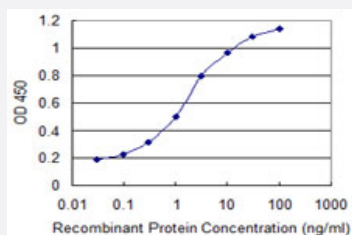
Lane 1: COMMD1 transfected lysate(21.2 KDa).

Lane 2: Non-transfected lysate.



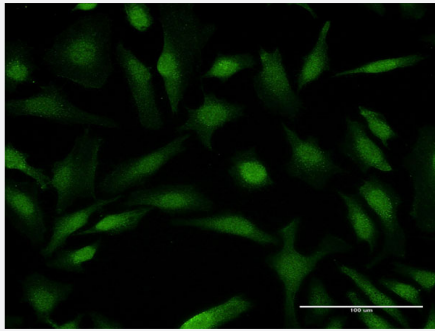
Immunoprecipitation

Immunoprecipitation of COMMD1 transfected lysate using anti-COMMD1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with COMMD1 MaxPab rabbit polyclonal antibody.



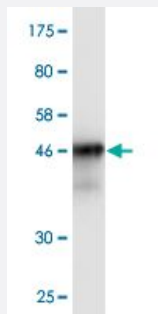
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COMMD1 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to COMMD1 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (46.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant COMMD1.
Immunogen	COMMD1 (AAH22046.1, 1 a.a. ~ 190 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAGELEGGKPLSGLLNALAQDTFHGYPGITEELLRSQLYPEVPPEEFRPFLAKMRGILKSASAD MDFNQLEAFLTAQTKKQGGITSDQAAVSKFWKSHKTKIRESLMNQSRWNSGLRGLSWRVDGKS QSRHSAQIHTPVAIIELELGKYGQSEFLCLEFDEVKVNQILKTLSEVEESISTLISQPN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.64 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 (Transfected lysate)

Western Blot analysis of COMMD1 expression in transfected 293T cell line by COMMD1 monoclonal antibody (M03), clone 2B12.

Lane 1: COMMD1 transfected lysate(21.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of COMMD1 transfected lysate using anti-COMMD1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with COMMD1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COMMD1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to COMMD1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — COMMD1

Entrez GeneID	150684
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GeneBank Accession#	BC022046
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Protein Accession#	AAH22046.1
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Gene Name	COMMD1
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Gene Alias	C2orf5, MGC27155, MURR1
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Gene Description	copper metabolism (Murr1) domain containing 1
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Omim ID	607238
Gene Ontology	Hyperlink
Gene Summary	COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B (see MIM 164011) signaling (de Bie et al., 2005 [PubMed 16267171]).[supplied by OMIM]
Other Designations	MURR1 copper metabolism gene MURR1

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatolenticular Degeneration](#)
- [Tobacco Use Disorder](#)