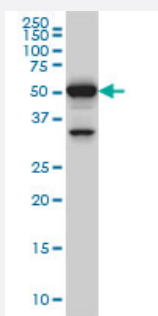


ROD1 monoclonal antibody (M01), clone 4C9

Catalog # H00009991-M01

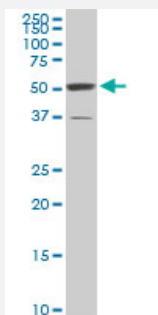
Size 100 ug

Applications



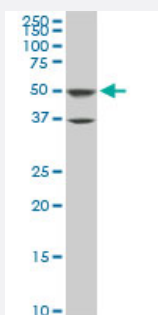
Western Blot (Cell lysate)

ROD1 monoclonal antibody (M01), clone 4C9 Western Blot analysis of ROD1 expression in HeLa S3 NE (Cat # L013V3).



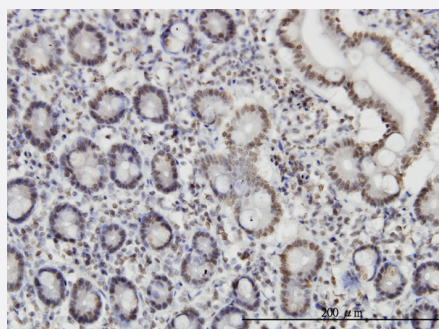
Western Blot (Cell lysate)

ROD1 monoclonal antibody (M01), clone 4C9. Western Blot analysis of ROD1 expression in NIH/3T3(Cat # L018V1).



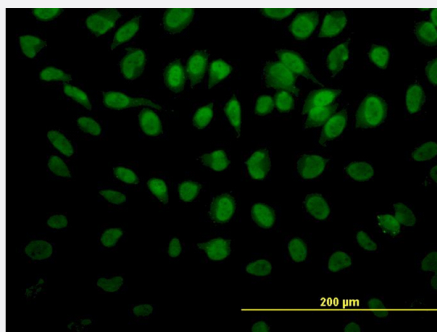
Western Blot (Cell lysate)

ROD1 monoclonal antibody (M01), clone 4C9. Western Blot analysis of ROD1 expression in PC-12(Cat # L012V1).



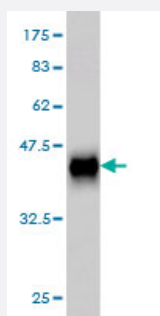
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ROD1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to ROD1 on HeLa cell. [antibody concentration 20 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ROD1.
Immunogen	ROD1 (NP_005147, 16 a.a. ~ 114 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GSDELLSSGIINGPFTMNSSTPSTANGNDSKKFKRDRPPCSPSRVLHLRKIPCDVTEAEIISLGLPF GKVTNLLMLKGKSQAFLEMASEEAAVTMVNYY
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (92); Rat (88)
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)

ROD1 monoclonal antibody (M01), clone 4C9 Western Blot analysis of ROD1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

ROD1 monoclonal antibody (M01), clone 4C9. Western Blot analysis of ROD1 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ROD1 monoclonal antibody (M01), clone 4C9. Western Blot analysis of ROD1 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to ROD1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ROD1 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — ROD1

Entrez GeneID	9991
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GeneBank Accession#	NM_005156
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Protein Accession#	NP_005147
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Gene Name	ROD1
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Gene Alias	DKFZp78111117, PTBP3
Gene Description	ROD1 regulator of differentiation 1 (S. pombe)
Omim ID	607527
Gene Ontology	Hyperlink
Gene Summary	ROD1 is a functional homolog of nrd1, an S. pombe RNA-binding protein that suppresses the onset of differentiation.[supplied by OMIM]
Other Designations	OTTHUMP00000021933 ROD1 regulator of differentiation 1 fission yeast differentiation regulator regulator of differentiation (in S. pombe) 1 regulator of differentiation (in S. pombe) 1

Publication Reference

- [The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes.](#)

Chen J, Cai Z, Bai M, Yu X, Zhang C, Cao C, Hu X, Wang L, Su R, Wang D, Wang L, Yao Y, Ye R, Hou B, Yu Y, Yu S, Li J, Xue Y.

Cell Research 2018 Oct; 28(10):981.

Application: IF, IP-WB, WB-Ce, Mouse, B cells, Splenic

Disease

- [Tobacco Use Disorder](#)