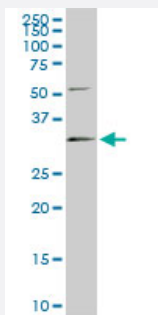


RNASEH1 monoclonal antibody (M01), clone 5D10

Catalog # H00246243-M01

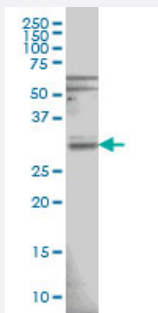
Size 100 ug

Applications



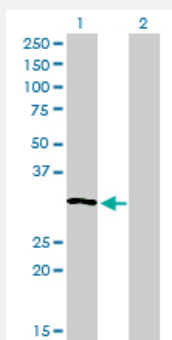
Western Blot (Cell lysate)

RNASEH1 monoclonal antibody (M01), clone 5D10. Western Blot analysis of RNASEH1 expression in PC-12 (Cat # L012V1).



Western Blot (Cell lysate)

RNASEH1 monoclonal antibody (M01), clone 5D10 Western Blot analysis of RNASEH1 expression in HeLa (Cat # L013V1).



Western Blot (Transfected lysate)

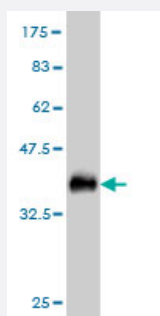
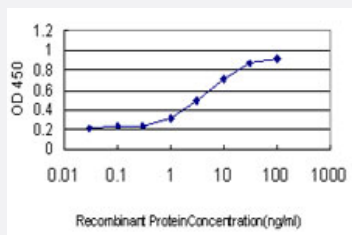
Western Blot analysis of RNASEH1 expression in transfected 293T cell line by RNASEH1 monoclonal antibody (M01), clone 5D10.

Lane 1: RNASEH1 transfected lysate(32.1 KDa).

Lane 2: Non-transfected lysate.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RNASEH1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RNASEH1.
Immunogen	RNASEH1 (NP_002927, 189 a.a. ~ 286 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AACKAIEQAKTQNINKLVLYTDSMFTINGITNWVQGWKKNWKTSAAGKEVINKEDFVALERLTQGM DIQWMHVPGHSGFIGNEEADRLAREGAKQSED
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (77); Rat (77)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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)

RNASEH1 monoclonal antibody (M01), clone 5D10. Western Blot analysis of RNASEH1 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

RNASEH1 monoclonal antibody (M01), clone 5D10 Western Blot analysis of RNASEH1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RNASEH1 expression in transfected 293T cell line by RNASEH1 monoclonal antibody (M01), clone 5D10.

Lane 1: RNASEH1 transfected lysate(32.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RNASEH1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RNASEH1

Entrez GeneID	246243
GeneBank Accession#	NM_002936
Protein Accession#	NP_002927
Gene Name	RNASEH1
Gene Alias	H1RNA

Gene Description	ribonuclease H1
Omim ID	604123
Gene Ontology	Hyperlink
Other Designations	RNase H1

Publication Reference

- [The FANCI/FANCD2 complex links DNA damage response to R-loop regulation through SRSF1-mediated mRNA export.](#)

Anne Olazabal-Herrero, Boxue He, Youngho Kwon, Abhishek K Gupta, Arijit Dutta, Yuxin Huang, Prajwal Boddu, Zhuobin Liang, Fengshan Liang, Yaqun Teng, Li Lan, Xiaoyong Chen, Huadong Pei, Manoj M Pillai, Patrick Sung, Gary M Kupfer.

Cell Reports 2024 Jan; 43(1):113610.

Application: WB, Human, HeLa cells

Pathway

- [DNA replication](#)