

HDGFRP3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full-length recombinant HDGFRP3.****Catalog # AT2343a****Specification**

HDGFRP3 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O9Y3E1
Other Accession	BC015483
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	22620

HDGFRP3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 50810**Other Names**

Hepatoma-derived growth factor-related protein 3, HRP-3, Hepatoma-derived growth factor 2, HDGF-2, HDGFRP3, HDGF2

Target/Specificity

HDGFRP3 (AAH15483, 1 a.a. ~ 203 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

HDGFRP3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

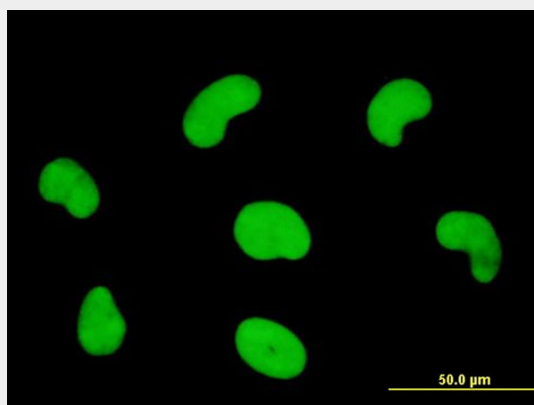
HDGFRP3 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

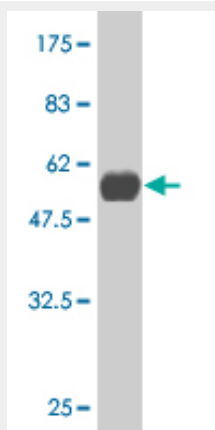
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

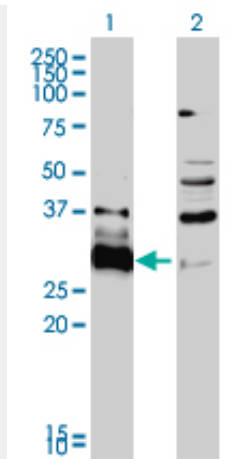
HDGFRP3 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to HDGFRP3 on HeLa cell . [antibody concentration 10 ug/ml]



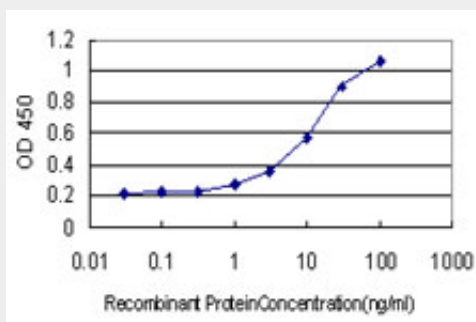
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.07 KDa) .



Western Blot analysis of HDGFRP3 expression in transfected 293T cell line by HDGFRP3 monoclonal antibody (M01), clone 2G12.

Lane 1: HDGFRP3 transfected lysate (23 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged HDGFRP3 is approximately 0.1 ng/ml as a capture antibody.

HDGFRP3 Antibody (monoclonal) (M01) - References

Hepatoma-derived growth factor-related protein-3 interacts with microtubules and promotes neurite outgrowth in mouse cortical neurons. El-Tahir HM, et al. J Biol Chem, 2009 Apr 24. PMID 19237540. Biochemical and genetic analyses of integrase-interacting proteins lens epithelium-derived growth factor (LEDGF)/p75 and hepatoma-derived growth factor related protein 2 (HRP2) in preintegration complex function and HIV-1 replication. Vandegraaff N, et al. Virology, 2006 Mar 15. PMID 16337983. High-throughput mapping of a dynamic signaling network in mammalian cells. Barrios-Rodiles M, et al. Science, 2005 Mar 11. PMID 15761153. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Identification of an evolutionarily conserved domain in human lens epithelium-derived growth factor/transcriptional co-activator p75 (LEDGF/p75) that binds HIV-1 integrase. Cherepanov P, et al. J Biol Chem, 2004 Nov 19. PMID 15371438.