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HDGFRP3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full-length recombinant HDGFRP3.
Catalog # AT2343a

Product Information

Application	WB, IF, E
Primary Accession	Q9Y3E1
Other Accession	BC015483
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2G12
Calculated MW	22620

Additional Information

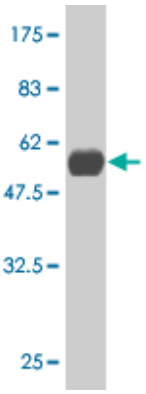
Gene ID	50810
Other Names	Hepatoma-derived growth factor-related protein 3, HRP-3, Hepatoma-derived growth factor 2, HDGF-2, HDGFRP3, HDGF2
Target/Specificity	HDGFRP3 (AAH15483, 1 a.a. ~ 203 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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.

References

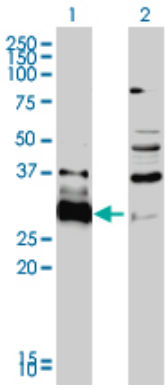
Hepatoma-derived growth factor-related protein-3 interacts with microtubules and promotes neurite outgrowth in mouse cortical neurons. El-Tahir HM, et al. J Biol Chem, 2009 Apr 24. PMID 19237540.Biochemical and genetic analyses of integrase-interacting proteins lens epithelium-derived growth factor (LEDGF)/p75 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.

Images

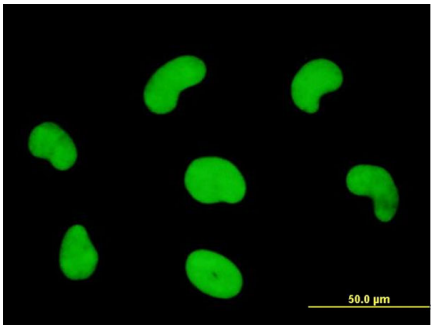


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (48.07 KDa) .

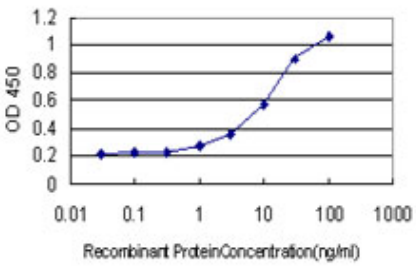


Western Blot analysis of HDGFRP3 expression in transfected 293T cell line by HDGFRP3 monoclonal antibody (M01), clone 2G12.

Lane 1: HDGFRP3 transfected lysate(23 KDa).
Lane 2: Non-transfected lysate.



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.