

Product Datasheet

Musashi-1 Antibody (3F2) - Azide and BSA Free H00004440-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004440-M04

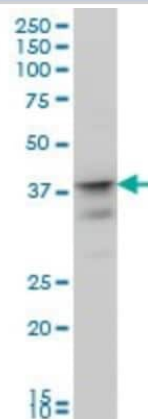
Musashi-1 Antibody (3F2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4440
Gene Symbol	MSI1
Species	Human
Marker	Neuronal Stem Cell Marker
Specificity/Sensitivity	MSI1 (3F2)
Immunogen	MSI1 (NP_002433, 1 a.a. ~ 87 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. METDAPQPGL ASPDSPHDPC KMFIGGLSWQ TTQEGLREYF GQFGE VKECL VMRDPLTKRS RGFGFVTFMD QAGVDKVL AQ SRHELDS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	This antibody reactivity against cell lysate and recombinant protein for WB. IT has been used for IF, IHC-P, and ELISA. FACS usage reported in scientific literature (PMID: 23818760).

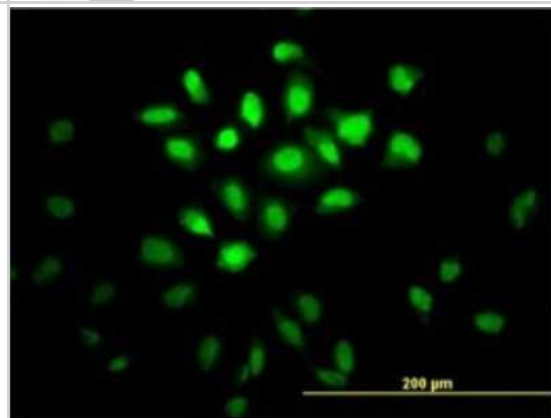


Images

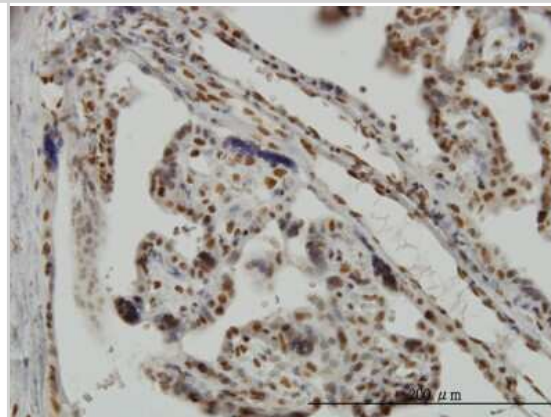
Western Blot: Musashi-1 Antibody (3F2) [H00004440-M04] - Analysis of MSI1 expression in IMR-32 (Cat # L008V1).



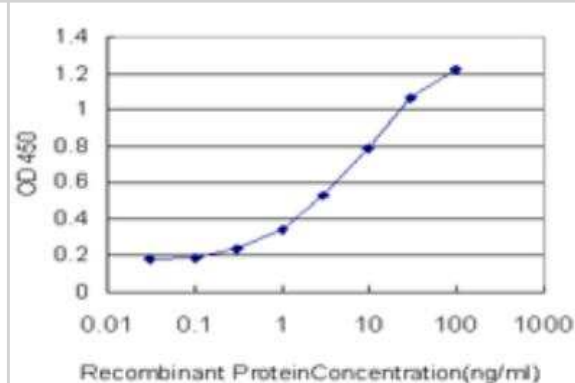
Immunocytochemistry/Immunofluorescence: Musashi-1 Antibody (3F2) [H00004440-M04] - Analysis of monoclonal antibody to MSI1 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: Musashi-1 Antibody (3F2) [H00004440-M04] - Analysis of monoclonal antibody to MSI1 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml



ELISA: Musashi-1 Antibody (3F2) [H00004440-M04] - Detection limit for recombinant GST tagged MSI1 is approximately 0.3ng/ml as a capture antibody.



Publications

Takashi H, Kenta F, Atsuko I et al. Thyroid hormone-induced expression of Foxl1 in subepithelial fibroblasts correlates with adult stem cell development during *Xenopus* intestinal remodeling. *Sci Rep.* 2020-11-26 [PMID: 33244068]

Lee HC, Ling QD, Yu WC et al. Drug-resistant colon cancer cells produce high carcinoembryonic antigen and might not be cancer-initiating cells. *Drug Des Devel Ther.* 2013-01-01 [PMID: 23818760] (FLOW)

Liu Xian, Yang Wen-Ting, Zheng Peng-Sheng. Msi1 promotes tumor growth and cell proliferation by targeting cell cycle checkpoint proteins p21, p27 and p53 in cervical carcinomas. *Oncotarget.* 2014-11-15 [PMID: 25362645] (ICC/IF)





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Products Related to H00004440-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP3-21216PEP	Musashi-1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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