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ZFHX1B Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant ZFHX1B.
Catalog # AT4572a

Product Information

Application	WB, IF
Primary Accession	O60315
Other Accession	NM_014795.2
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D12
Calculated MW	136447

Additional Information

Gene ID	9839
Other Names	Zinc finger E-box-binding homeobox 2, Smad-interacting protein 1, SMADIP1, Zinc finger homeobox protein 1b, ZEB2, KIAA0569, SIP1, ZFHX1B, ZFX1B
Target/Specificity	ZFHX1B (NP_055610.1, 1115 a.a. ~ 1214 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
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	ZFHX1B Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

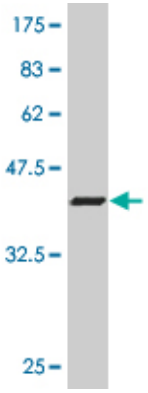
The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc finger/homeodomain proteins. It is located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively spliced transcript variants have been found for this gene.

References

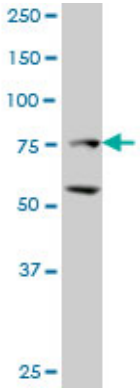
1.The tumor-promoting activity of 2-acetylaminofluorene is associated with disruption of the p53 signaling pathway and the balance between apoptosis and cell proliferation.Pogribny IP, Muskhelishvili L, Tryndyak

VP, Beland FA.Toxicol Appl Pharmacol. 2009 Mar 15;235(3):305-11. Epub 2009 Jan 6.

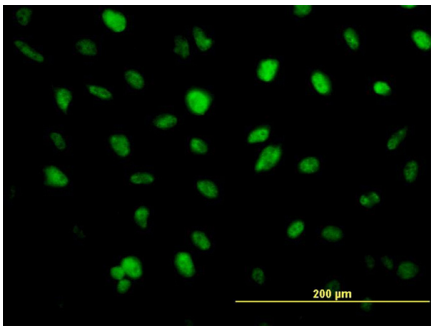
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.11 KDa) .



ZFHX1B monoclonal antibody (M03), clone 2D12. Western Blot analysis of ZFHX1B expression in Hela S3 NE ((Cat # AT4572a)



Immunofluorescence of monoclonal antibody to ZFHX1B on HeLa cell. [antibody concentration 10 ug/ml]

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