

# 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

### **Additional Information**

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.

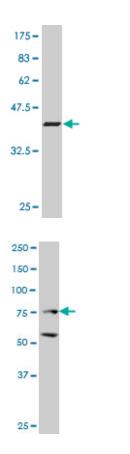
## **Background**

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

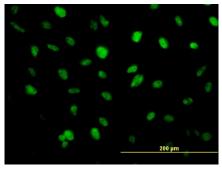
1.The tumor-promoting activity of 2-acetylaminofluorene is associated with disruption of the p53 signaling pathway and the balance between apoptosis and cell proliferation.Pogribny IP, Muskhelishvili L, Tryndyak VP, Beland FA.Toxicol Appl Pharmacol. 2009 Mar 15;235(3):305-11. Epub 2009 Jan 6.

### **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'.