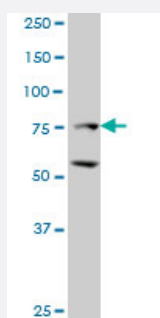


ZFHX1B monoclonal antibody (M03), clone 2D12

Catalog # H00009839-M03

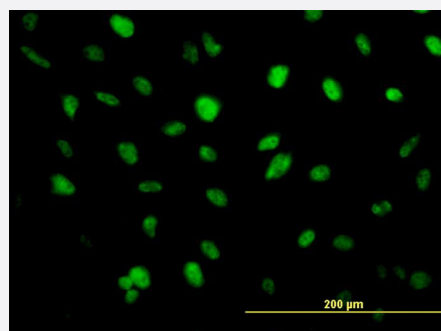
Size 100 ug

Applications



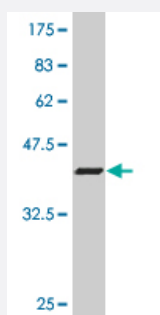
Western Blot (Cell lysate)

ZFHX1B monoclonal antibody (M03), clone 2D12. Western Blot analysis of ZFHX1B expression in HeLa S3 NE (Cat # L013V3).



Immunofluorescence

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



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ZFHX1B.

Immunogen	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.
Sequence	SITPQGYSDSEERESMPRDGESEKEHEKEGEDGYGKLGRQDGDDEEFEEEEEESENKSMDTDP ETIRDEEETGDHSMDDSSDGGKMETKSDHEEDNMEDGM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ZFHX1B monoclonal antibody (M03), clone 2D12. Western Blot analysis of ZFHX1B expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — ZEB2

Entrez GeneID [9839](#)

GeneBank Accession# [NM_014795.2](#)

Protein Accession#	NP_055610.1
Gene Name	ZEB2
Gene Alias	KIAA0569, SIP-1, SIP1, SMADIP1, ZFHX1B
Gene Description	zinc finger E-box binding homeobox 2
Omim ID	235730 605802
Gene Ontology	Hyperlink
Gene Summary	The SMADIP1 gene (also known as SIP1) is a member of the delta-EF1 (ZEB1; MIM 189909)/Zfh 1 family of 2-handed zinc finger/homeodomain proteins. SMADIP1 interacts with receptor-mediated, activated full-length SMADs (see MIM 605568) (Verschueren et al., 1999 [PubMed 10400677]).[supplied by OMIM]
Other Designations	Smad interacting-protein 1 Smad-interacting protein 1 zinc finger E-box-binding protein 2 zinc finger homeobox 1b

Publication Reference

- [Langerhans cell maturation is accompanied by induction of N-cadherin and the transcriptional regulators of epithelial-mesenchymal transition ZEB1/2.](#)

Konradi S, Yasmin N, Haslwanter D, Weber M, Gesslbauer B, Sixt M, Strobl H.

European Journal of Immunology 2014 Feb; 44(2):553.

Application: IF, Human, Langerhans cells

- [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.

Toxicology and Applied Pharmacology 2009 Mar; 235(3):305.

Application: WB, Rat, Livers

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Ductus Arteriosus](#)

- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Tobacco Use Disorder](#)