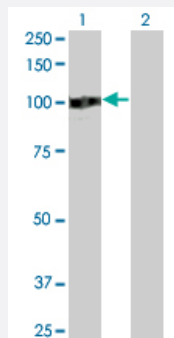


ZHX2 monoclonal antibody (M01), clone 5E2

Catalog # H00022882-M01

Size 100 ug

Applications

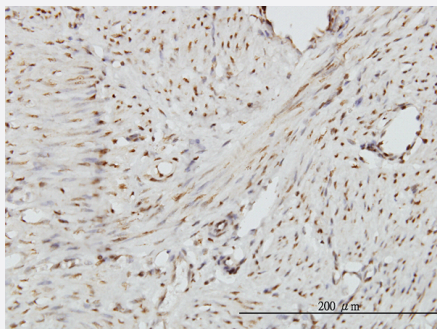


Western Blot (Transfected lysate)

Western Blot analysis of ZHX2 expression in transfected 293T cell line by ZHX2 monoclonal antibody (M01), clone 5E2.

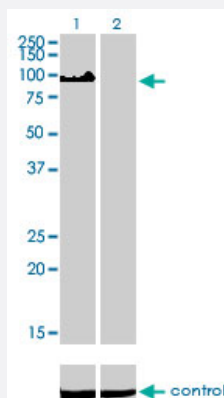
Lane 1: ZHX2 transfected lysate(92.307 kDa).

Lane 2: Non-transfected lysate.



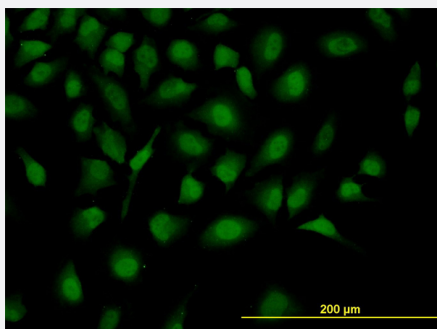
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ZHX2 on formalin-fixed paraffin-embedded human smooth muscle. [antibody concentration 3 ug/ml]



RNAi Knockdown (Antibody validated)

Western blot analysis of ZHX2 over-expressed 293 cell line, cotransfected with ZHX2 Validated Chimera RNAi (Cat # H00022882-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ZHX2 monoclonal antibody (M01), clone 5E2 (Cat # H00022882-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ZHX2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ZHX2.
Immunogen	ZHX2 (NP_055758, 691 a.a. ~ 788 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEQYQHQPMADDHGYDAVARKATKPMESPKNNGDVVPQYYKDPKKLCEEDLEKLVTRVKVGSEPAKDCLPAKPSEATSDRSEGSSRDGQGSDENEES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (86)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Transfected lysate)

Western Blot analysis of ZHX2 expression in transfected 293T cell line by ZHX2 monoclonal antibody (M01), clone 5E2.

Lane 1: ZHX2 transfected lysate(92.307 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ZHX2 on formalin-fixed paraffin-embedded human smooth muscle. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of ZHX2 over-expressed 293 cell line, cotransfected with ZHX2 Validated Chimera RNAi (Cat # H00022882-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with ZHX2 monoclonal antibody (M01), clone 5E2 (Cat # H00022882-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ZHX2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ZHX2

Entrez GeneID [22882](#)

GeneBank Accession# [NM_014943](#)

Protein Accession# [NP_055758](#)

Gene Name ZHX2

Gene Alias AFR1, KIAA0854, RAF

Gene Description	zinc fingers and homeoboxes 2
Omim ID	609185
Gene Ontology	Hyperlink
Gene Summary	<p>The members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2-type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 2 of this gene family. In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family. [provided by RefSeq]</p>
Other Designations	transcription factor ZHX2 zinc-fingers and homeoboxes 2

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)