

MEIS2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant MEIS2.

Catalog # AT2842a

Specification

MEIS2 Antibody (monoclonal) (M03) - Product Information

Application	IF, WB
Primary Accession	O14770
Other Accession	BC001516
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	51790

MEIS2 Antibody (monoclonal) (M03) - Additional Information

Gene ID 4212

Other Names

Homeobox protein Meis2, Meis1-related protein 1, MEIS2, MRG1

Target/Specificity

MEIS2 (AAH01516, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

MEIS2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

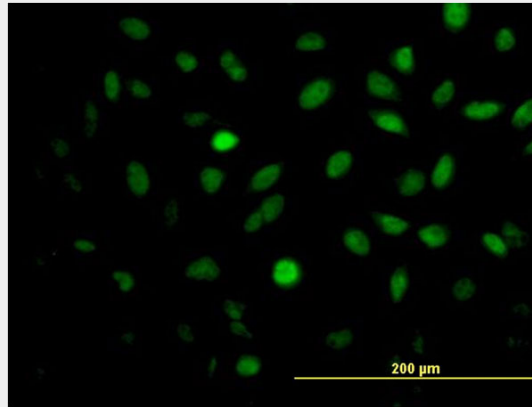
MEIS2 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

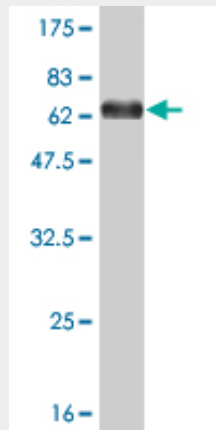
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

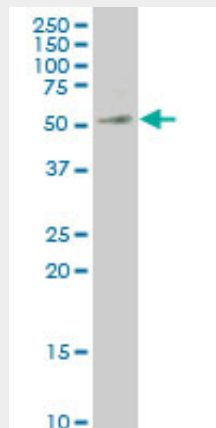
MEIS2 Antibody (monoclonal) (M03) - Images



Immunofluorescence of monoclonal antibody to MEIS2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.65 KDa) .



MEIS2 monoclonal antibody (M03), clone 1D1 Western Blot analysis of MEIS2 expression in IMR-32 ((Cat # AT2842a)

MEIS2 Antibody (monoclonal) (M03) - Background

This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct isoforms have been described for this gene.

MEIS2 Antibody (monoclonal) (M03) - References

An autoinhibitory effect of the homothorax domain of Meis2. Hyman-Walsh C, et al. FEBS J, 2010 Jun. PMID 20553494. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Genomewide pharmacogenomic study of metabolic side effects to antipsychotic drugs. Adkins DE, et al. Mol Psychiatry, 2010 Mar 2. PMID 20195266. Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. Vasan RS, et al. JAMA, 2009 Jul 8. PMID 19584346. MEIS proteins as partners of the TLX1/HOX11 oncoprotein. Milech N, et al. Leuk Res, 2010 Mar. PMID 19559479.