10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MEIS1 Monoclonal Antibody
Catalog # ABO14428

Specification

Anti-MEIS1 Monoclonal Antibody - Product Information

Application	**WB, IP, FC**
Primary Accession	O00470
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-MEIS1 Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-MEIS1 Monoclonal Antibody - Additional Information

Gene ID 4211

Other Names
Homeobox protein Meis1, MEIS1

Application Details
WB 1:1000-1:5000
IP 1:50
FC 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human MEIS1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-MEIS1 Monoclonal Antibody - Protein Information

Name MEIS1

Function
Acts as a transcriptional regulator of PAX6. Acts as a transcriptional activator of PF4 in complex with PBX1 or PBX2. Required for hematopoiesis, megakaryocyte lineage development and vascular

patterning. May function as a cofactor for HOXA7 and HOXA9 in the induction of myeloid leukemias.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

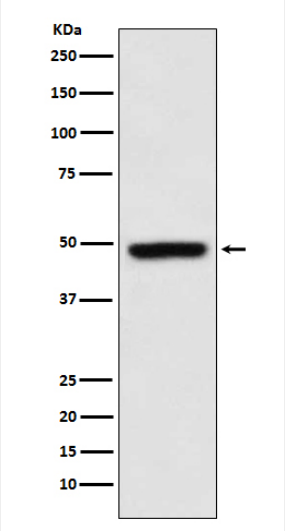
Tissue Location
Expressed at low level in normal immunohepatopoietic tissues, including the fetal liver. Expressed in a subset of myeloid leukemia cell lines, with the highest expression seen in those with a megakaryocytic-erythroid phenotype. Also expressed at high levels in the cerebellum

Anti-MEIS1 Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MEIS1 Monoclonal Antibody - Images



Western blot analysis of MEIS1 expression in K562 cell lysate.