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MIXL1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19284c

Specification

MIXL1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9H2W2

MIXL1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 83881

Other Names
Homeobox protein MIXL1, Homeodomain protein MIX, hMix, MIX1 homeobox-like protein 1, Mix1 homeobox-like protein, MIXL1, MIXL

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MIXL1 Antibody (Center) Blocking Peptide - Protein Information

Name MIXL1

Synonyms MIXL

Function
Transcription factor that play a central role in proper axial mesendoderm morphogenesis and endoderm formation. Required for efficient differentiation of cells from the primitive streak stage to blood, by acting early in the recruitment and/or expansion of mesodermal progenitors to the hemangioblastic and hematopoietic lineages. Also involved in the morphogenesis of the heart and the gut during embryogenesis. Acts as a negative regulator of brachyury expression (By similarity).

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:12070013, ECO:0000269|PubMed:17303500}

Tissue Location
Restricted to progenitors and secondary lymph tissues. In normal hematopoiesis, it is restricted to immature B- and T-lymphoid cells. Present in differentiating embryonic stem cells (at protein level).

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MIXL1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

MIXL1 Antibody (Center) Blocking Peptide - Images

MIXL1 Antibody (Center) Blocking Peptide - Background

Homeodomain proteins, such as MIXL1, are transcriptionfactors that regulate cell fate during development (Hart et al.,2005 [PubMed 15982639]).

MIXL1 Antibody (Center) Blocking Peptide - References

Davis, R.P., et al. Blood 111(4):1876-1884(2008)Drakos, E., et al. Hum. Pathol. 38(3):500-507(2007)Hart, A.H., et al. Biochem. Biophys. Res. Commun. 333(4):1361-1369(2005)Guo, W., et al. Blood 100(1):89-95(2002)Sahr, K., et al. Gene 291 (1-2), 135-147 (2002) :