Mouse Hoxb8 Antibody (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	Hoxb8, Blocking Peptide
Full Product Name	Mouse Hoxb8 Antibody (C-term) Blocking Peptide
Product Gene Name	Hoxb8 blocking peptide
Product Synonym Gene Name	Hox-2.4; Hoxb-8
Product Synonym Names	Homeobox protein Hox-B8; Homeobox protein Hox-24; Hoxb8; Hox-24; Hoxb-8
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	Hoxb8 peptide (MBS9221408) is used for blocking the activity of Hoxb8 antibody (MBS9210410)
Molecular Weight	27,618 Da
Cellular Location	Nucleus.
Related Product Information for Hoxb8 blocking peptide	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Other Notes	Small volumes of Hoxb8 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Hoxb8 purchase	MBS9221408 is a blocking peptide targeting Hoxb8. Also known as Mouse Hoxb8 Antibody (C-term) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hoxb8. It may not necessarily be applicable to this product.

NCBI GI #	123259
NCBI GeneID	15416
NCBI Accession #	P09632.2
UniProt Primary Accession #	P09632
UniProt Related Accession #	P09632
NCBI Official Full Name	Homeobox protein Hox-B8
NCBI Official Synonym Full Names	homeobox B8
NCBI Official Symbol	Hoxb8
NCBI Official Synonym Symbols	Hox-2.4
UniProt Protein Name	Homeobox protein Hox-B8
UniProt Synonym Protein Names	Homeobox protein Hox-2.4
Protein Family	Homeobox protein
UniProt Gene Name	Hoxb8

UniProt Synonym Gene Names	Hox-2.4; Hoxb-8
UniProt Entry Name	HXB8_MOUSE
NCBI Protein Information	homeobox protein Hox-B8
UniProt Comments for Hoxb8	HOXB8: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Belongs to the Antp homeobox family. Protein type: DNA-binding Biological Process: adult locomotory behavior; anterior/posterior pattern formation; dorsal spinal cord development; embryonic skeletal morphogenesis; grooming behavior; negative regulation of myeloid cell differentiation; sensory perception of pain; skeletal morphogenesis
Research Articles on Hoxb8	**1.** Production and Functional Characterization of Murine Osteoclasts Differentiated from ER-Hoxb8-Immortalized Myeloid Progenitor Cells
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