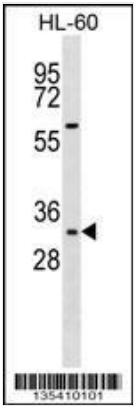
HOXB13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Hoxb13, Polyclonal Antibody
Full Product Name	Hoxb13, ID (Hoxb13, Homeobox protein Hox-B13) (PE)
Product Gene Name	anti-Hoxb13 antibody
Product Synonym Names	Hoxb13; Homeobox protein Hox-B13
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes Hoxb13. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	30,963 Da
3D Structure	ModBase 3D Structure for P70321
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 92-121 in the central terminal region of mouse Hoxb13.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-Hoxb13 antibody	Antibodies; Transcription Factors; Zinc; Ring; Homeobox
Applications Tested/Suitable for anti-Hoxb13 antibody	Western Blot (WB), FLISA
Application Notes for anti-Hoxb13 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-Hoxb13 antibody	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Product References and Citations for anti-Hoxb13 antibody	1. Kang, X., et al. Mol. Cell 38(2):191-201(2010). 2. Mack, J.A., et al. J. Invest. Dermatol. 130(3):856-865(2010). 3. McMullin, R.P., et al. Proc. Natl. Acad. Sci. U.S.A. 107(1):98-103(2010). 4. Young, T., et al. Dev. Cell 17(4):516-526(2009). 5. Ezhkova, E., et al. Cell 136(6):1122-1135(2009).
Other Notes	Small volumes of anti-Hoxb13 antibody 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 Hoxb13 purchase	MBS6307824 is an antibody targeting Hoxb13. Also known as Hoxb13, ID (Hoxb13, Homeobox protein Hox-B13) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-Hoxb13 antibody
Western Blot analysis in HL-60 cell line lysates (35ug/lane), usingMBS6000925. This demonstrates that MBS6000925 detected the Hoxb13 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hoxb13. It may not necessarily be applicable to this product.

NCBI GI #	6680247
NCBI GeneID	15408
NCBI Accession #	NP_032293.1
UniProt Primary Accession #	P70321
UniProt Secondary Accession #	Q80Y12
UniProt Related Accession #	P70321
GenBank Nucleotide #	NM_008267.4
NCBI Official Full Name	homeobox protein Hox-B13
NCBI Official Synonym Full Names	homeobox B13
NCBI Official Symbol	Hoxb13
UniProt Protein Name	Homeobox protein Hox-B13
Protein Family	Homeobox protein
UniProt Gene Name	Hoxb13
NCBI Protein Information	homeobox protein Hox-B13
Research Articles on Hoxb13	**1.** Cdx and Wnt mutations and premature Hox13 expression also cause similar neural dysmorphology
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