RUNX2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	RUNX2, Monoclonal Antibody
Full Product Name	RUNX2 (Runt-Related Transcription Factor 2, AML3, CBFA1, CCD, CCD1, MGC120022, MGC120023, OSF2, PEA2aA, PEBP2A1, PEBP2A2, PEBP2
Product Gene Name	anti-RUNX2 antibody
Product Synonym Names	Runt-Related Transcription Factor 2; AML3; CBFA1; CCD; CCD1; MGC120022; MGC120023; OSF2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBF
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4B4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes RUNX2.
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 amo made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to rem
Immunogen	RUNX2 (NP_001019801.1, 311aa-450aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	TSPSIHSTTPLSSTRGTGLPAITDVPRRISDDDTATSDFCLWPSTLSKKSQAGASELGPFSDPRQFPSISSLTESRFSNPRMHYPATFTYTPPVTSGMSLGM
Conjugate	MaxLight650
Product Categories/Family for anti-RUNX2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-RUNX2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-RUNX2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RUNX2 antibody	This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is ess morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a heterodimeric complex. Mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript var use of alternate promoters as well as alternate splicing. [provided by RefSeq]
Other Notes	Small volumes of anti-RUNX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces 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 RUNX2 purchase	MBS6229756 is an antibody targeting RUNX2. Also known as RUNX2 (Runt-Related Transcription Factor 2, AML3, CBFA1, CCD, CCD1, MGC120022 PEBP2aA, PEBP2aA1) (MaxLight 650). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RUNX2. It may not necessarily be applicable to this product.

NCBI GI #	66934967
NCBI Accession #	NP_001019801.1
GenBank Nucleotide #	NP_001019801.1
NCBI Official Full Name	runt-related transcription factor 2 isoform a
Protein Family	Runt-related transcription factor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/runx2/6229756