MYBL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MYBL2, Polyclonal Antibody
Full Product Name	MYBL2 (Myb-related Protein B, B-Myb, Myb-like Protein 2, BMYB, MGC15600) (MaxLight 750)
Product Gene Name	anti-MYBL2 antibody
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 MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MYBL2.
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
Molecular Weight	78,764 Da
Chromosome Location	Chromosome: 20; NC_000020.10 (42295709..42345122). Location: 20q13.1
OMIM	601415
3D Structure	ModBase 3D Structure for P10244
Immunogen	Full length human MYBL2, aa1-700 (NP_002457.1).
Immunogen Sequence	MSRRTRCEDLDELHYQDTDSDVPEQRDSKCKVKWTHEEDEQLRALVRQFGQQDWKFLASHFPNRTDQQCQYRWLRVLNPDLVKGPWTKEEDQKVIE
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-MYBL2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-MYBL2 antibody	Western Blot (WB)
Application Notes for anti-MYBL2 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-MYBL2 antibody	Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene.
Other Notes	Small volumes of anti-MYBL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for MYBL2 purchase	MBS6386224 is an antibody targeting MYBL2. Also known as MYBL2 (Myb-related Protein B, B-Myb, Myb-like Protein 2, BMYB, MGC15600) (MaxLigh

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MYBL2. It may not necessarily be applicable to this product.

NCBI GI #	4505293
NCBI GeneID	4605
NCBI Accession #	NP_002457.1
UniProt Primary Accession #	P10244
UniProt Secondary Accession #	B2RBS5
UniProt Related Accession #	P10244
GenBank Nucleotide #	NM_002466.2
NCBI Official Full Name	myb-related protein B
NCBI Official Synonym Full Names	v-myb myeloblastosis viral oncogene homolog (avian)-like 2
NCBI Official Symbol	MYBL2
NCBI Official Synonym Symbols	BMYB; B-MYB
UniProt Protein Name	Myb-related protein B
UniProt Synonym Protein Names	Myb-like protein 2
Protein Family	Myb-related protein
UniProt Gene Name	MYBL2
UniProt Synonym Gene Names	BMYB; B-Myb
UniProt Entry Name	MYBB_HUMAN
NCBI Protein Information	myb-related protein B; myb-like protein 2; v-myb avian myeloblastosis viral oncogene homolog-like 2
NCBI Summary for MYBL2	The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined. [provided by RefSeq, Jul 2008]

UniProt Comments for MYBL2	B-Myb: a transcription factor involved in cell cycle progression. Phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined. Protein type: DNA-binding; Motility/polarity/chemotaxis; Transcription factor Chromosomal Location of Human Ortholog: 20q13.1 Cellular Component: nucleoplasm Molecular Function: protein binding; chromatin binding; transcription factor activity Biological Process: transcription, DNA-dependent; regulation of cell cycle; positive regulation of transcription from RNA polymerase II promoter; mitotic cell cycle; G2/M transition of mitotic cell cycle
Research Articles on MYBL2	**1.** Low MYBL2 expression is associated with haematopoietic neoplasia.
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