

Rabbit B MyB Polyclonal Antibody | anti-MYBL2 antibody

Anti-B MyB antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45422	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

B MyB; Polyclonal Antibody; Anti-B MyB antibody; Myb-related protein B; v-myb myeloblastosis viral oncogene homolog(avian)-like 2; B-Myb antibody; BMyB antibody; MGC15600 antibody; MYB L2 antibody; Myb related protein B antibody; Myb-like protein 2 antibody; Myb-related protein B antibody; MybB antibody; MYBB_HUMAN antibody; MYBL 2 antibody; MYBL2 antibody; v myb avian myeloblastosis viral oncogene homolog like 2 antibody; v myb myeloblastosis viral oncogene homolog(avian) like 2 antibody; v myb myeloblastosis viral oncogene homolog like 2 antibody; anti-MYBL2 antibody

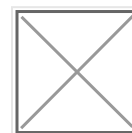
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	700
Applicable Applications for anti-MYBL2 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human B MyB (1-17aa MSRRTRCEDLDELHYQD), identical to the related mouse sequence and different from the related rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-B MyB antibody, AAA45422, IHC(P)IHC(P): Human Tonsil Tissue

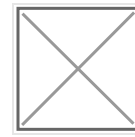


ICC (Immunocytochemistry)
Anti-B MyB antibody, AAA45422, ICCICC: A549 Cell



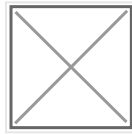
WB (Western Blot)

Anti-B MyB antibody, AAA45422, Western blottingLane 1: Rat Spleen Tissue LysateLane 2: Rat Thymus Tissue LysateLane 3: Rat Brain Tissue LysateLane 4: HELA Cell LysateLane 5: COLO320 Cell LysateLane 6: MCF-7 Cell Lysate



IHC (Immunohistochemistry)

Anti-B MyB antibody, AAA45422, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)

Anti-B MyB antibody, AAA45422, Western blottingRecombinant Protein Detection Source: E.coli derived -recombinant Human MYBL2, 46.8KD(162aa tag+ M1-L245)Lane 1: Recombinant Human MYBL2 Protein 10ngLane 2: Recombinant Human MYBL2 Protein 5ngLane 3: Recombinant Human MYBL2 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-MYBL2 antibody

Description: Rabbit IgG polyclonal antibody for Myb-related protein B(MYBL2) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: MYBL2(V-MYB avian myeloblastosis viral oncogene homolog-like 2), also called MYB-RELATED GENE BMYB, is a protein that in humans is encoded by the MYBL2 gene. 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. Barletta et al.(1991) assigned the MYBL2 gene to chromosome Xq13. However, Noben-Trauth et al.(1996) demonstrated that this assignment was an error. Using mouse Mybl2 cDNA clones as probes, they assigned Mybl2 in an interspecific backcross panel to distal mouse chromosome 2. Using human cDNA probes in combination with fluorescence in situ hybridization analysis, they localized MYBL2 to chromosome 20q13.1, a region that is commonly deleted in myeloid disorders and shows high homology of synteny to mouse chromosome 2. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	127584
NCBI GeneID	4605
UniProt Accession #	P10244; Q53F07; B2RBS5; B7Z8D9; F8W6N6
Molecular Weight	75,865 Da
NCBI Official Full Name	Myb-related protein B
NCBI Official Synonym Full Names	v-myb avian myeloblastosis viral oncogene homolog-like 2
NCBI Official Symbol	MYBL2
NCBI Official Synonym Symbols	BMYB; B-MYB
NCBI Protein Information	myb-related protein B; myb-like protein 2; v-myb myeloblastosis viral oncogene homolog-like 2
UniProt Protein Name	Myb-related protein B
UniProt Gene Name	MYBL2
UniProt Synonym Gene Names	BMYB; B-Myb
UniProt Entry Name	MYBB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

