CDKN1B Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CDKN1B, Monoclonal Antibody
Full Product Name	CDKN1B (Cyclin-Dependent Kinase Inhibitor 1B (p27, Kip1), CDKN4, KIP1, MEN1B, MEN4, P27KIP1) (MaxLight 405)
Product Gene Name	anti-CDKN1B antibody
Product Synonym Names	Cyclin-Dependent Kinase Inhibitor 1B (p27; Kip1); CDKN4; KIP1; MEN1B; MEN4; P27KIP1
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2F4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified
Specificity	Recognizes CDKN1B.
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: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	CDKN1B (ENSP00000228872, 100aa-198aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KVPAQESQDVSGSRPAAPLIGAPANSEDTHLVDPKTDPSDSQTGLAEQCAGIRKRPATDDSSTQNKRANRTEENVSDGSPNAGSVEQTPKKPGLRRRQ
Conjugate	MaxLight405
Product Categories/Family for anti-CDKN1B antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-CDKN1B antibody	FLISA, Western Blot (WB)
Application Notes for anti-CDKN1B antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDKN1B antibody	This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transitio from quiescence to the proliferative state. [provided by RefSeq]
Other Notes	Small volumes of anti-CDKN1B 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 CDKN1B purchase	MBS6194921 is an antibody targeting CDKN1B. Also known as CDKN1B (Cyclin-Dependent Kinase Inhibitor 1B (p27, Kip1), CDKN4, KIP1, MEN1B, MEN4, P27KIP1) (MaxLight 405). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDKN1B. It may not necessarily be applicable to this product.

NCBI Accession #	ENSP00000228872
Protein Family	Cyclin-dependent kinase inhibitor
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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