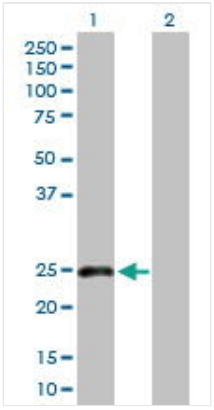
CLEC1B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CLEC1B, Polyclonal Antibody
Full Product Name	CLEC1B (C-type Lectin Domain Family 1 Member B, C-type Lectin-like Receptor 2, CLEC-2, CLEC2, UNQ721/PRO1384, 1810061I13Rik, QDED721)
Product Gene Name	anti-CLEC1B 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 Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CLEC1B.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	23,096 Da
Immunogen	Full length human CLEC1B, aa1-196 (AAH29554.1).
Immunogen Sequence	MQDEDGYITLNIKTRKPALVSAVMQRNYLQDENENRTGTLQQLAKRFCQYVVKQSELKGTFKGHKCSPCDTNWRYYGDSCYGFFRHNLTWEESKQYCT
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-CLEC1B antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-CLEC1B antibody	Western Blot (WB)
Application Notes for anti-CLEC1B antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CLEC1B antibody	Acts as a receptor for the platelet-aggregating snake venom protein rhodocytin. Rhodocytin binding leads to tyrosine phosphorylation and this promotes attachment factor for human immunodeficiency virus type 1 (HIV-1) and facilitates its capture by platelets.
Other Notes	Small volumes of anti-CLEC1B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece and additional dry ice fee may apply.

Searchable Terms for CLEC1B purchase	MBS6374095 is an antibody targeting CLEC1B. Also known as CLEC1B (C-type Lectin Domain Family 1 Member B, C-type Lectin-like Receptor 2, CL



Western Blot (WB) of anti-CLEC1B antibody
Western Blot analysis of CLEC1B expression in transfected 293T cell line by CLEC1B polyclonal antibody. Lane 1: CLEC1B transfected lysate (23.1kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC1B. It may not necessarily be applicable to this product.

NCBI GI #	20810585
NCBI GeneID	51266
NCBI Accession #	BC029554
NCBI Related Accession #	AAH29554.1
UniProt Secondary Accession #	Q6UWX7; Q8NHR6
UniProt Related Accession #	Q9P126
NCBI Official Full Name	Homo sapiens C-type lectin domain family 1, member B, mRNA
NCBI Official Synonym Full Names	C-type lectin domain family 1 member B
NCBI Official Symbol	CLEC1B
NCBI Official Synonym Symbols	CLEC2; CLEC2B; PRO1384; QDED721; 1810061I13Rik
Protein Family	C-type lectin domain family
NCBI Protein Information	C-type lectin domain family 1 member B
NCBI Summary for CLEC1B	Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 (KLRD1; MIM 602894) and NKG2D (KLRC4; MIM 602893), that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells (Colonna et al., 2000 [PubMed 10671229]).[supplied by OMIM, Jan 2011]
Research Articles on CLEC1B	**1.** CLEC-2 regulates Akt and MAPK downstream of PI3K and PKC, leading to phosphorylation and inhibition of GSK3alpha/beta, and enhanced platelet aggregation and secretion.
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