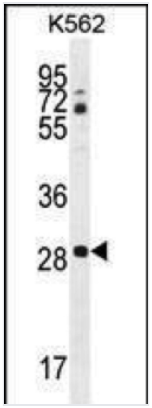
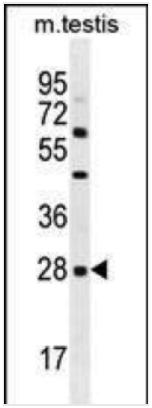
CLEC12B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

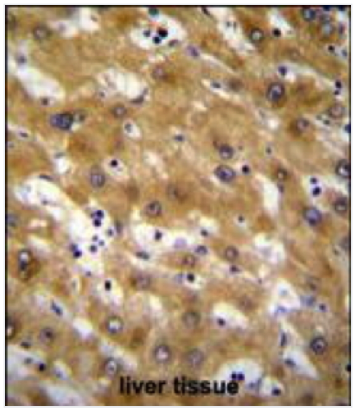
Product Name	CLEC12B, Polyclonal Antibody
Full Product Name	CLEC12B, CT (CLEC12B, C-type lectin domain family 12 member B, Macrophage antigen H) (MaxLight 490)
Product Gene Name	anti-CLEC12B antibody
Product Synonym Names	CLEC12B; C-type lectin domain family 12 member B; Macrophage antigen H
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	26,740 Da
3D Structure	ModBase 3D Structure for Q2HXU8
Immunogen	CLEC12B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-276 amino acids from the C-terminal region of human CLEC12B.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-CLEC12B antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-CLEC12B antibody	Western Blot (WB), Immunohistochemistry (IHC), FLISA
Application Notes for anti-CLEC12B antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CLEC12B antibody	Cell surface receptor that protects target cells against natural killer cell-mediated lysis. Modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.
Product References and Citations for anti-CLEC12B antibody	Hoffmann, S.C., et al. J. Biol. Chem. 282(31):22370-22375(2007). Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003).
Other Notes	Small volumes of anti-CLEC12B 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 CLEC12B purchase	MBS6286597 is an antibody targeting CLEC12B. Also known as CLEC12B, CT (CLEC12B, C-type lectin domain family 12 member B, Macrophage antigen H) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-CLEC12B antibody
Western Blot analysis of K562 cell line lysates (35ug/lane) usingMBS6008238.This demonstrates MBS6008238 detected the CLEC12B protein (arrow).



Western Blot (WB) of anti-CLEC12B antibody
Western Blot analysis of mouse testis tissue lysates (35ug/lane) usingMBS6008238. This demonstrates MBS6008238 detected the CLEC12B protein (arrow).



Immunohistochemistry (IHC) of anti-CLEC12B antibody
Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue using MBS6008238 followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBS6008238 for immunohistochemistry.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLEC12B. It may not necessarily be applicable to this product.

NCBI GI #	194018501
NCBI GeneID	387837
NCBI Accession #	NP_001123470.1
NCBI Related Accession #	NP_995324.2
UniProt Primary Accession #	Q2HXU8
UniProt Secondary Accession #	Q6UWF2; Q6ZRG0
UniProt Related Accession #	Q2HXU8
GenBank Nucleotide #	NM_001129998.2
NCBI Official Full Name	C-type lectin domain family 12 member B isoform 1
NCBI Official Synonym Full Names	C-type lectin domain family 12 member B
NCBI Official Symbol	CLEC12B
NCBI Official Synonym Symbols	UNQ5782
UniProt Protein Name	C-type lectin domain family 12 member B
UniProt Synonym Protein Names	Macrophage antigen H

Protein Family	C-type lectin domain family
UniProt Gene Name	CLEC12B
UniProt Entry Name	CL12B_HUMAN
NCBI Protein Information	C-type lectin domain family 12 member B
UniProt Comments for CLEC12B	CLEC12B: Cell surface receptor that protects target cells against natural killer cell-mediated lysis. Modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Receptor, misc. Chromosomal Location of Human Ortholog: 12p13.2 Cellular Component: integral to membrane; plasma membrane Molecular Function: carbohydrate binding
Research Articles on CLEC12B	**1.** CLEC12B is an inhibitory receptor on myeloid cells
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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