

Datasheet for ABIN7266205
anti-CD48 antibody (AA 45-210)



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1 Image

Overview

Quantity:	100 µL
Target:	CD48
Binding Specificity:	AA 45-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD48 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CD48 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 45-210 of human CD48 (NP_001769.2).
Sequence:	ISESLPENYK QLTWFYTFDQ KIVEWDSRKS KYFESKFKGR VRLDPQSGAL YISKVQKEDN STYIMRVLKK TGNEQEWKIK LQVLDPVPKP VIKIEKIEDM DDNCYLKLSC VIPGESVNYT WYGDKRPFPK ELQNSVLETT LMPHNYSRCY TCQVSNSVSS KNGTVC
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

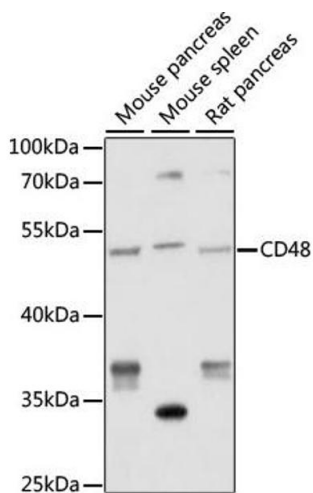
Target:	CD48
Alternative Name:	CD48 (CD48 Products)
Background:	<p>This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.,CD48,BCM1,BLAST,BLAST1,MEM-102,SLAMF2,hCD48,mCD48,Immunology & Inflammation,CD markers,CD48</p>
Molecular Weight:	19kDa/27kDa
Gene ID:	962
UniProt:	P09326

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CD48 antibody (ABIN7266205) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 5 min.