

## Product datasheet for **TA392419**

### CD48 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000~1:2000
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD48.
Specificity:	CD48 polyclonal antibody detects endogenous levels of CD48 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 48 kDa
Gene Name:	CD48 molecule
Database Link:	<a href="#">Entrez Gene 962 Human P09326</a>
Background:	CD48 is a glycosylphosphatidylinositol (GPI) -anchored membrane protein of the signaling lymphocyte activation molecule (SLAM) family, also known as SLAMF2 and BLAST-1. It is constitutively expressed on most hematopoietic cells (not on neutrophils and a subset of long-term hematopoietic stem cells in mice) and can be upregulated under certain conditions like infection. Interaction with its low affinity ligand CD2 promotes adhesion and TCR signaling. Interaction with the high affinity ligand CD244 (2B4) regulates natural killer (NK) and CD8 T cell activation and cytolytic function.
Synonyms:	B-lymphocyte activation marker BLAST-1; BCM1; BCM1 surface antigen; BLAST1; CD48; CD48 antigen; CD_antigen: CD48; Leukocyte antigen MEM-102; Signaling lymphocytic activation molecule 2; SLAMF2; SLAM family member 2; TCT.1



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**Note:** For research use only, not for use in diagnostic procedure.