

## Product datasheet for **TA392455**

### CD244 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:2000~1:5000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD244.
Specificity:	CD244 polyclonal antibody detects endogenous levels of CD244 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:	~ 44 kDa
Gene Name:	CD244 molecule
Database Link:	<a href="#">Entrez Gene 51744 Human Q9BZW8</a>
Background:	2B4, also known as signaling lymphocytic activation molecule family member 4 (SLAMF4) and cluster of differentiation 244 (CD244), is a heterophilic cell surface receptor expressed on a variety of immune cells, including natural killer (NK) cells, T cells, eosinophils, mast cells, and dendritic cells. 2B4 has been shown to have both immune stimulatory and inhibitory effects on cells. Upon engagement of its ligand CD48, 2B4 can enhance immune cell signaling, cytokine production, non-major histocompatibility complex-restricted cytotoxicity, and cell migration. Conversely, at early stages of NK cell differentiation, 2B4 may function as an inhibitory receptor possibly ensuring the self-tolerance of developing NK cells. 2B4 also inhibits inflammatory responses in dendritic cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

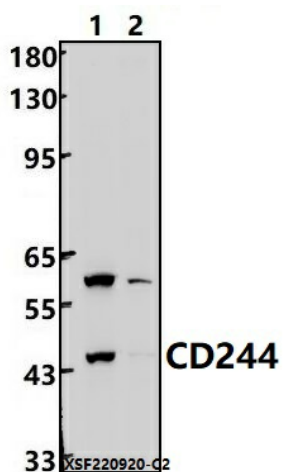


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**Synonyms:** 2B4; CD244; h2B4; NAIL; Natural killer cell receptor 2B4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NKR2B4; Signaling lymphocytic activation molecule 4; SLAMF4; SLAM family member 4

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

**Product images:**



Western blot (WB) analysis of CD244 polyclonal antibody at 1:2000 dilution Lane1:A549 cell membrane lysate(24ug) Lane2:MCF-7 cell membrane lysate(24ug)