

## CD244 polyclonal antibody

Catalog: NCP0193P

Host: Rabbit

Reactivity: Human

### 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 44 kDa

### Swiss-Prot:

Q9BZW8

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:2000~1:5000

IF 1:50~1:200

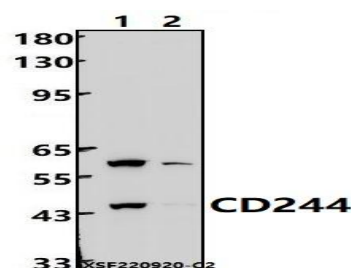
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CD244 polyclonal antibody detects endogenous levels of CD244 protein.

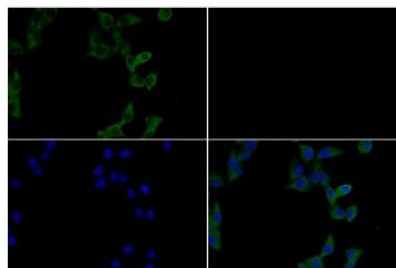
### DATA:



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)



Immunofluorescence analysis of MCF-7 cells using CD244 pAb at dilution of 1:200.

### Note:

For research use only, not for use in diagnostic procedure.

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