

## CD48/SLAMF2 Polyclonal Antibody(Capture/Detector)

catalog number: AN004590P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

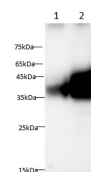
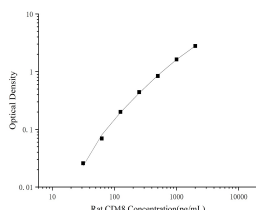
<b>Reactivity</b>	Rat
<b>Immunogen</b>	Recombinant Rat CD48/SLAMF2 Protein expressed by Mammalian
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL
<b>WB</b>	1:500-1:1000

### Data



Sandwich ELISA-Recombinant Rat CD48/SLAMF2 Protein standard curve. Background subtracted standard curve using Anti-CD48/SLAMF2 antibody(AN004590P)(Capture), Anti-CD48/SLAMF2 antibody(AN004590P)(Detector). The reference range value is 31.25~2000pg/mL for rat.

Western blot with Anti CD48/SLAMF2 Polyclonal antibody at dilution of 1:1000. Lane 1: Rat spleen tissue lysate, Lane 2: Rat thymus tissue lysate.

**Observed-MW: 45-50 kDa**

**Calculated-MW: 28 kDa**

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety of processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.

### For Research Use Only