

### 36-1948: Monoclonal Antibody to CD48 (Pan Leukocyte Marker)(Clone : 5-4.8)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	5-4.8
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD48
<b>Gene ID :</b>	962
<b>Uniprot ID :</b>	P09326
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD48,BCM1,BLAST1
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Human peripheral blood lymphocytes

#### Description

Reacts with human CD48, a 45kDa glycosyl phosphatidyl-inositol (GPI)-anchored cell surface protein. CD48 is strongly expressed on lymphocytes and monocytes and weakly on granulocytes but is absent on platelets, fibroblasts, epithelium and endothelium. CD48 is one of the markers for detecting the defects of GPI anchoring structure on the patients with paroxysmal nocturnal hemoglobinuria (PNH) and serves as a low affinity ligand for CD2.

#### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);