

## 30-2201: Anti-CD72 Monoclonal Antibody (Clone:3F3)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3F3
<b>Application :</b>	FACS, IP
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	CD72
<b>Gene ID :</b>	971
<b>Uniprot ID :</b>	P21854
<b>Alternative Name :</b>	CD72
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Normal human lymphocytes from a lymph node.

### Description

CD72 is a transmembrane glycoprotein expressed as a homodimer especially in B cells, but also in other antigen presenting cells such as dendritic cells and macrophages. Through one of its immunoreceptor tyrosine-based inhibitory motives (ITIMs), CD72 interacts with tyrosine phosphatase SHP-1, thereby suppressing B cell responsiveness. Binding of CD72 with its ligand CD100 (Sema4D) prevents BCR association and phosphorylation of CD72 and results in dissociation of SHP-1 from CD72, thus enables B cell activation.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

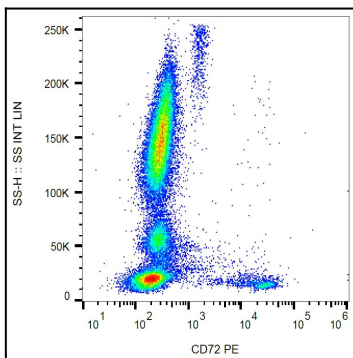


Figure 1: Surface staining of CD72 on human peripheral blood cells with anti-CD72 (3F3) PE.