

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

Clonality :	Monoclonal
Clone Name :	3F3
Application :	FACS, IP
Reactivity :	Human
Conjugate :	PE
Gene :	CD72
Gene ID :	971
Uniprot ID :	P21854
Alternative Name :	CD72
Isotype :	Mouse IgG2b
Immunogen Information :	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

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

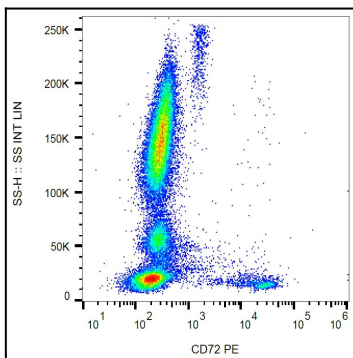


Figure 1: Surface staining of CD72 on human peripheral blood cells with anti-CD72 (3F3) PE.