

30-2822: Anti-Hu CD172g Purified

Clonality :	Monoclonal
Clone Name :	OX-119
Application :	FACS, IP
Reactivity :	Human
Gene :	SIRPG
Gene ID :	55423
Uniprot ID :	Q9P1W8
Format :	Purified
Alternative Name :	signal regulatory protein gamma SIRP gamma, SIRP-B2
Immunogen Information :	recombinant human CD172g

Description

CD172g is a transmembrane glycoprotein, which may play a role in inter-T cellular signaling by binding CD47, and thus in influencing T cell behaviour. CD172g is expressed on mature thymocytes, CD4+ T cells, CD8+ T cells, NK cells, and some B cells. It is absent on myeloid cells. Engagement of CD172g by CD47 expressed on antigen presenting cells results in enhanced antigen-specific T cell proliferation and costimulates T cell activation.

Specificity :The mouse monoclonal antibody OX-119 recognizes an extracellular epitope on CD172g, an approximately 55 kDa transmembrane glycoprotein expressed on most T cells, as well as on NK cells and some B cell populations.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 $\mu\text{g/ml}$