

## 30-2822: Anti-Hu CD172g Purified

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

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

### Application Note

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