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30-2823: Anti-Hu CD172g PE

Clonality :	Monoclonal
Clone Name :	OX-119
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	SIRPG
Gene ID :	55423
Uniprot ID :	Q9P1W8
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 :	100 Tests
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 ÃÂµl reagent / 100 ÃÂµl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.