Datasheet for ABIN2663041

anti-PTPRJ antibody (PE)

1 Image

Go to Product page

Overview

Quantity:	100 tests
Target:	PTPRJ
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTPRJ antibody is conjugated to PE
Application:	ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP), Blocking Reagent (BR)

Product Details

Clone:	A3
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	PTPRJ
Alternative Name:	CD148 (PTPRJ Products)
Background:	CD148, a receptor-like protein tyrosine phosphatase also known as human protein tyrosine phosphatase-eta (HPTP-eta) or density-enhanced protein tyrosine phosphatase-1 (DEP-1), is involved in signal transduction in leucocytes and is thought to contribute to mechanisms of cellular differentiation. In lymphoid organs, CD148 was found to be widely expressed on B and

Target Details

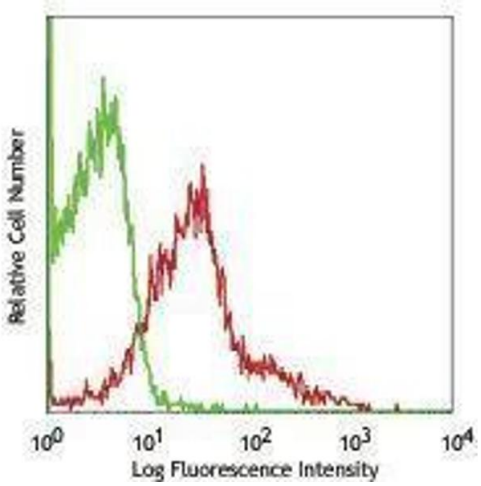
	T cells, granulocytes, macrophages, certain dendritic cells as well as mature thymocytes. The cellular level of CD148 was increased after in vitro activation of peripheral blood leucocytes. CD148 as a leucocyte activation marker and may be involved in the regulation of T cell activation. Leucocytes expressing CD148 are significantly upregulated in inflamed tissues and that a subset of these cells co-expresses the activation marker CD25. In non-lymphoid tissues, CD148 was found to be present on many epithelial cell types with glandular and/or endocrine differentiation as well as on fibrocytes, melanocytes and Schwann cells. Among non-hematopoietic cells, CD148 is expressed by characteristic types of epithelial and non-epithelial cells. Downregulation of CD148 might promote dedifferentiation and autonomous growth of such cells in malignant tumors.
Pathways:	EGFR Signaling Pathway, Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.



Flow Cytometry

Image 1.

