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30-2747: Anti-Hu CD92 Purified

Clonality :	Monoclonal
Clone Name :	VIM15
Application :	WB, FACS
Reactivity :	Human
Gene :	SLC44A1
Gene ID :	23446
Uniprot ID :	Q8WWI5
Format :	Purified
Alternative Name :	solute carrier family 44 member 1 CTL1, CHTL1, SLC44A1
Immunogen Information :	MV4-11 acute myeloid leukemia cells

Description

CD92 is a 70 kDa protein with ten transmembrane domains, intracellular N and C teminus, and two glycosylated larger extracellular loops. In the C-terminal domain, there is an ITIM-like sequence. This protein seems to be a choline transporter responsible for delivery of choline into the immune cells, to make it accessible for phospholipid synthesis, as well as a regulator of immune cell signaling. It is expressed mainly on human peripheral blood monocytes and neutrophils, and several myeloid and T-cell lines. It can also be found on mast cells (but not eosinophils), and weakly on peripheral blood lymphocytes, fibroblasts, epithelial cells, and endothelial cells.
Specificity :The mouse monoclonal antibody VIM15 recognizes an extracellular epitope of CD92, a 70 kDa transmembrane glycoprotein expressed mainly on human peripheral blood monocytes and neutrophils, and several myeloid and T-cell lines.

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 Ã□Âµg/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.