

30-2747: Anti-Hu CD92 Purified

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| 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 terminus, 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

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| 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 μ g/ml