



Mouse CD47-mlgG1

Cat No.: 03-01-0431

Product Name: Mouse CD47-mlgG1

Description: CD47, also known as integrin associated protein (IAP), modulates the function of integrins through interaction with the integrin. It is an adhesion receptor for THBS1 on platelets, playing an important role in memory formation and synaptic plasticity in the hippocampus. As a receptor for SIRPA, its binding to SIRPA prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Its interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation. It may also play a role in membrane transport and/or integrin dependent signal transduction. CD47 is ubiquitously expressed in human cells and has found to be overexpressed in many different tumor cells, may serve as cancer marker for acute myeloid leukemia (AML), chronic myeloid leukemia, acute lymphoblastic leukemia (ALL), non-Hodgkin's lymphoma (NHL), multiple myeloma (MM), bladder cancer, and other solid tumors.

Type: Protein



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| Property: | Recombinant Protein |
| Source: | HEK293 |
| Genbank No.: | Q61735 (aa.19-140) |
| Applications: | ELISA, WB, Immunogen |
| Formulation: | Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4). |
| Purity: | >95% |
| Storage: | Store at -80°C, Avoid freeze / thaw cycle. |
| Limitation: | For research use only, not for use in diagnostic procedures. |