

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse C1q R1/CD93 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse C1q R1/CD93 Ala23-Asn572 Accession # O89103
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse C1q R1/CD93

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

C1q R1, also known as C1q Rp, CD93, Cell Surface Antigen AA4 and lymphocyte antigen 68, is a type I transmembrane protein. It contains a C-type lectin family domain and five EGF-like domains in its extracellular region, as well as a tyrosine kinase-recognition motif in its cytoplasmic region. It is most abundantly expressed on endothelial cells and platelets and is also expressed in neutrophils, glial cells and monocytes. C1q R1 is a marker for early multipotent hematopoietic cells and may participate in C1q/MBL/SPA-mediated enhancement of phagocytic function by monocytes.