

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
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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.

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