# Mouse C1qR1/CD93 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: AF1696N
100 µg

## DESCRIPTION

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| **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<br>Ala23-Asn572<br>Accession # O89103 |
| **Conjugate** | Alexa Fluor 700<br>Excitation Wavelength: 675-700 nm<br>Emission Wavelength: 723 nm |
| **Formulation** | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.*

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

## PREPARATION AND STORAGE

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| **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.

## PRODUCT SPECIFIC NOTICES

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