

#### DESCRIPTION

|                           |                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                                                                                       |
| <b>Specificity</b>        | Detects mouse C1qTNF10/C1qL2 in direct ELISAs and Western blots. Shows 100% cross-reactivity with recombinant human (rh) C1qTNF10 and no cross-reactivity with rhC1qTNF1, rhC1qTNF4, or rhC1qTNF5.                                                                          |
| <b>Source</b>             | Monoclonal Rat IgG <sub>2A</sub> Clone # 384921                                                                                                                                                                                                                             |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant mouse C1qTNF10/C1qL2<br>His22-Asp287<br>Accession # Q8CFR0                                                                                                                                                                  |
| <b>Conjugate</b>          | Alexa Fluor 532<br>Excitation Wavelength: 534 nm<br>Emission Wavelength: 553 nm                                                                                                                                                                                             |
| <b>Formulation</b>        | 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.

**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

C1qTNF10, also known as C1qL2, is a protein with predicted MW of 29 kDa that shows 28%-30% sequence identity with C1q subunits A, B, and C. It is predicted to contain a collagen-like and a C1q domain. Within the region included in this immunogen, mouse and human C1qTNF10/C1qL2 share 93% aa sequence identity.

#### PRODUCT SPECIFIC NOTICES

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