

DESCRIPTION

Species Reactivity	Mouse
Specificity	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.
Source	Monoclonal Rat IgG _{2A} Clone # 384921
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse C1qTNF10/C1qL2 His22-Asp287 Accession # Q8CFR0
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	1 µg/mL	Recombinant Mouse C1qTNF10/C1qL2

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 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

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.