

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects mouse AMIGO2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant human (rh) AMIGO2 and no cross-reactivity with rhAMIGO1 or recombinant mouse AMIGO3 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 290728
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse AMIGO2 Met39-Ala391 Accession # Q80ZD9
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 Human and mouse AMIGO2

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. ● 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

AMIGO2 is a member of the AMIGO family of type I transmembrane proteins that contain 6 leucine-rich repeats (LRRs) and one Ig domain in the extracellular region. AMIGO2 is expressed primarily in cerebellum, retina, liver, and lung. AMIGO family proteins are cell adhesion molecules that exhibit homophilic and heterophilic binding properties.