

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human AMIGO2 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human AMIGO1 or recombinant mouse AMIGO2 is observed.
Source	Monoclonal Mouse IgG ₃ Clone # 273610
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human AMIGO2 Gly39-Ala392 Accession # Q86SJ2
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

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 AMIGO2
Immunohistochemistry	8-25 µg/mL	Immersion fixed paraffin-embedded sections of human brain (cerebellum)

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.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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

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.