Mouse AMIGO3 Alexa Fluor® 405-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 371301

Catalog Number: FAB2375V

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse AMIGO3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse AMIGO2, recombinant human (rh) AMIGO1, or rhAMIGO2 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 371301
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse AMIGO3 Thr20-Pro378 Accession # Q8C2S7
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.
Immunohistochemistry	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

AMIGO3 (Amphoterin-Induced Gene and ORF 3) is a member of the AMIGO family of type I transmembrane proteins that contain 6 leucine-rich repeats (CRRs) and one Ig domain in their extracellular domains. It is ubiquitously expressed and is detected in all tissues studied. AMIGO3 shows less than 40% amino acid sequence homology with AMIGO1 and 2. The extracellular domain of mouse AMIGO3 shares 90% and 75% amino acid sequence identity with that of rat and human AMIGO3, respectively.

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