

## DESCRIPTION

|                           |                                                                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                                                |
| <b>Specificity</b>        | Detects mouse AMIGO2 in Western blots. In Western blots, approximately 50% cross-reactivity with recombinant human (rh) AMIGO2 is observed and less than 1% cross-reactivity with rhAMIGO1 and recombinant mouse AMIGO3 is observed. |
| <b>Source</b>             | Polyclonal Goat IgG                                                                                                                                                                                                                  |
| <b>Purification</b>       | Antigen Affinity-purified                                                                                                                                                                                                            |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant mouse AMIGO2<br>Gly38-Ala391<br>Accession # Q80ZD9                                                                                                                                   |
| <b>Formulation</b>        | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. 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.

|                     | <b>Recommended Concentration</b> | <b>Sample</b>            |
|---------------------|----------------------------------|--------------------------|
| <b>Western Blot</b> | 0.1 µg/mL                        | Recombinant Mouse AMIGO2 |

## PREPARATION AND STORAGE

|                                |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>          | Reconstitute at 0.2 mg/mL in sterile PBS.                                                                                                                                                                                                                                                                                                                       |
| <b>Shipping</b>                | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.                                                                                                                                                                                                                                         |
| <b>Stability &amp; Storage</b> | <p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul> |

## 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.