

#### DESCRIPTION

|                           |                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human/Mouse/Chicken                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | Detects mouse RGM-A in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant human RGM-A and recombinant chicken RGM is observed. In Western blots, approximately 25% cross-reactivity with recombin                  |
| <b>Source</b>             | Monoclonal Rat IgG <sub>2A</sub> Clone # 275407                                                                                                                                                                                                                             |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | Mouse myeloma cell line NS0-derived recombinant mouse RGM-A<br>Cys48-Gly421<br>Accession # Q6PCX7                                                                                                                                                                           |
| <b>Conjugate</b>          | Alexa Fluor 700<br>Excitation Wavelength: 675-700 nm<br>Emission Wavelength: 723 nm                                                                                                                                                                                         |
| <b>Formulation</b>        | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.

#### 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

RGM-A is the founding member of the RGM family of glycosylphosphatidylinositol (GPI)- anchored axon guidance proteins. It is a disulfide-linked dimer of the N-terminal and C-terminal RGD-containing segments. RGM-A binds with high affinity to Neogenin.

#### PRODUCT SPECIFIC NOTICES

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