

**DESCRIPTION**

<b>Species Reactivity</b>	Chicken
<b>Specificity</b>	Detects chicken RGM-A in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human RGM-A or recombinant mouse RGM-A is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 292012
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant chicken RGM-A Pro150-Asn404 (Asn404Asp), predicted Accession # Q8JG54
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	1 µg/mL	Recombinant Chicken Repulsive Guidance Molecule A/RGM-A

**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 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. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <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**

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.