

**DESCRIPTION**

<b>Species Reactivity</b>	Human/Primate
<b>Specificity</b>	Detects human and primate IgG in Western blots.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1268B
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Human IgG
<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>	0.05 µg/mL	See Below
<b>Simple Western</b>	2 µg/mL	See Below

**DATA**

**Western Blot**

**Detection of Human and Primate IgG by Western Blot.** Western blot shows human serum, primate, mouse, and rat serum. PVDF membrane was probed with 0.05 µg/mL of Rabbit Anti-Human/Primate IgG Monoclonal Antibody (Catalog # MAB1101) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for human and primate IgG at approximately 55 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

**Simple Western**

**Detection of Human IgG by Simple Western™.** Simple Western lane view shows human serum, loaded at 0.2 mg/mL. A specific band was detected for IgG at approximately 60 kDa (as indicated) using 2 µg/mL of Rabbit Anti-Human/Primate IgG Monoclonal Antibody (Catalog # MAB1101). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.

**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>	<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>