

**DESCRIPTION**

<b>Species Reactivity</b>	Human/Primate
<b>Specificity</b>	Detects human and primate BMP-4 in ELISAs and Western blots. In Western blots, this antibody does not cross-react with recombinant human (rh) BMP-2, rhBMP-3, rhBMP-5, rhBMP-6, or rhBMP-7 under non-reducing conditions.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 66110
<b>Purification</b>	Protein A or G purified from ascites
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human BMP-4 Ser293-Arg408 Accession # P12644
<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 Human BMP-4 (Catalog # <a href="#">314-BP</a> ) under non-reducing conditions only
<b>Human/Primate BMP-4 Sandwich Immunoassay</b>		<b>Reagent</b>
<b>ELISA Capture</b>	2-8 µg/mL	Human/Primate BMP-4 Antibody (Catalog # <a href="#">MAB7571</a> )
<b>ELISA Detection</b>	0.5-2.0 µg/mL	Human/Primate BMP-4 Biotinylated Antibody (Catalog # <a href="#">BAM7572</a> )
<b>Standard</b>		Recombinant Human BMP-4 (Catalog # <a href="#">314-BP</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>