

Mouse Bmpr1b Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16260c**Specification**

Mouse Bmpr1b Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P36898](#)**Mouse Bmpr1b Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 12167**Other Names**

Bone morphogenetic protein receptor type-1B, BMP type-1B receptor, BMPR-1B, Activin receptor-like kinase 6, ALK-6, Serine/threonine-protein kinase receptor R6, SKR6, CDw293, Bmpr1b, Acvrlk6

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Bmpr1b Antibody (Center) Blocking Peptide - Protein Information**Name** Bmpr1b**Synonyms** Acvrlk6**Function**

On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for BMP7/OP-1. Receptor for GDF5 (PubMed:26105076, PubMed:19229295). Positively regulates chondrocyte differentiation through GDF5 interaction (PubMed:24098149).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Mouse Bmpr1b Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Bmpr1b Antibody (Center) Blocking Peptide - Images

Mouse Bmpr1b Antibody (Center) Blocking Peptide - Background

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Mouse Bmpr1b Antibody (Center) Blocking Peptide - References

Chiang, P.M., et al. Proc. Natl. Acad. Sci. U.S.A. 107(37):16320-16324(2010)Witte, F., et al. Proc. Natl. Acad. Sci. U.S.A. 107(32):14211-14216(2010)Libusova, L., et al. Development 137(14):2297-2305(2010)Suzuki, Y., et al. J. Cell. Sci. 123 (PT 10), 1684-1692 (2010) :Caronia, G., et al. J. Neurosci. 30(18):6291-6301(2010)