Human/Mouse BMPR-IB/ALK-6 Antibody

Monoclonal Mouse IgG_{2A} Clone # 88614

Catalog Number: MAB505

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse BMPR-IB/ALK-6 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant mouse (rm) BMPR-IB and no cross-reactivity with recombinant human (rh) BMPR-IA, rmBMPR-IA, or rhBMPR-II is observed.
Source	Monoclonal Mouse IgG_{2A} Clone # 88614
Purification	Protein A or G purified from ascites
Immunogen	Mouse myeloma cell line NS0-derived recombinant human BMPR-IB/ALK-6
Formulation	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.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human BMPR-IB/ALK-6 Fc Chimera (Catalog # 505-PR)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	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
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

BMPR-IB, also known as ALK-6, is a type I serine/threonine kinase receptor that associates with a type II TGF-β receptor superfamily member to form a heteromeric signaling receptor complex. BMPR-IB is expressed during embryogenesis and in adult brain, bone, and hematopoietic stem cells.

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