

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-
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 Lys14-Arg126 Accession # O00238
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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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