



[Go to Product page](#)

Datasheet for ABIN687547
anti-BMPR1A antibody (AA 101-200)

5 Images

Overview

Quantity:	100 µL
Target:	BMPR1A
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BMPR-1A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A/CD292 (BMPR1A Products)

Target Details

Background: Synonyms: ALK3, SKR5, CD292, ACVRLK3, 10q23del, Bone morphogenetic protein receptor type-1A, BMP type-1A receptor, BMPR-1A, Activin receptor-like kinase 3, ALK-3, Serine/threonine-protein kinase receptor R5, BMPR1A

Background: 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 BMP-2 and BMP-4.

Gene ID: 657

UniProt: [P36894](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

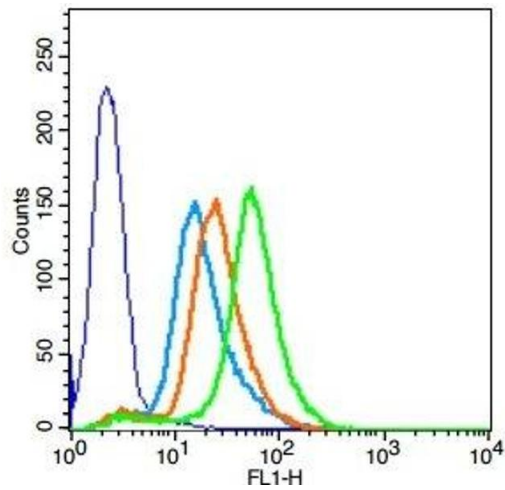
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

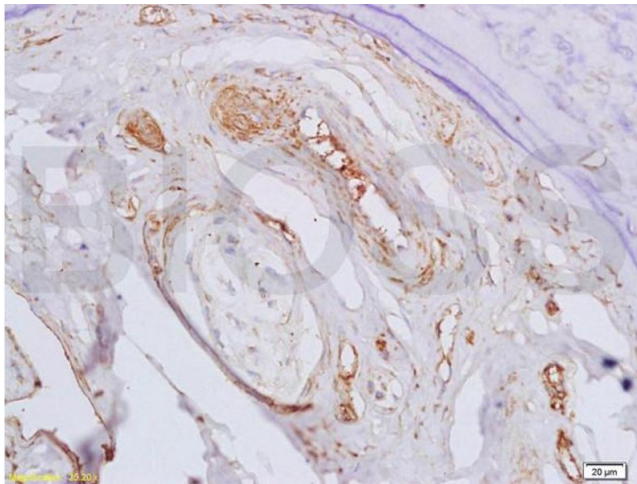
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



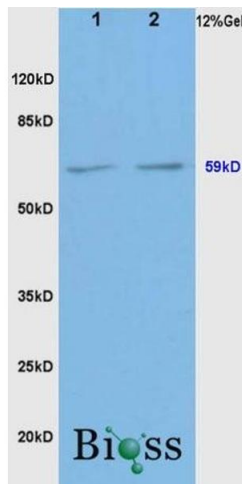
Flow Cytometry

Image 1. HCCLM3 cells probed with Rabbit Anti-BMPR1A Polyclonal Antibody, Unconjugated at 1:20 dilution for 30 minutes followed by incubation with a conjugated secondary -FITC (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat bone marrow labeled with Rabbit Anti BMPR1A/CD292 Polyclonal Antibody, Unconjugated (ABIN687547) at 1:200 followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 3. L1 rat brain lysates L2 mouse intestine lysates probed with Anti BMPR1A/CD292 Polyclonal Antibody, Unconjugated (ABIN687547) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 60kD. Observed band size:60kD.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN687547.