

Product Datasheet

BMPR-IA/ALK-3 Antibody (4B7B2) - BSA Free NBP2-37421

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-37421

BMPR-IA/ALK-3 Antibody (4B7B2) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B7B2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	60 kDa

Product Description

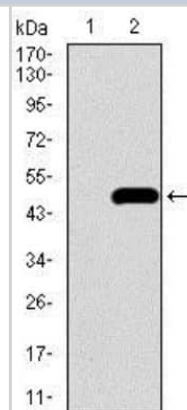
Host	Mouse
Gene ID	657
Gene Symbol	BMPR1A
Species	Human
Immunogen	Purified recombinant fragment of human BMPR-IA/ALK-3 (AA: 179-378) expressed in E. Coli.

Product Application Details

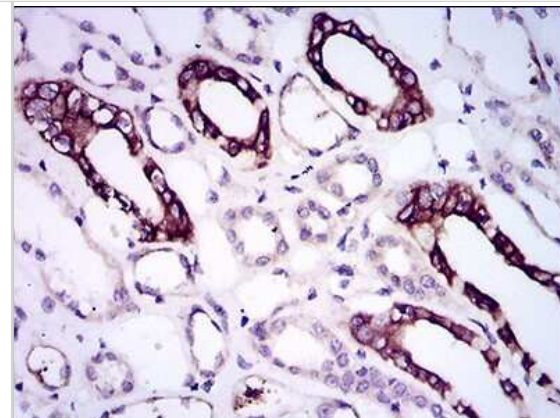
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
Application Notes	Use in ICC/IF reported in scientific literature (PMID 26728496). This antibody is CyTOF ready.

Images

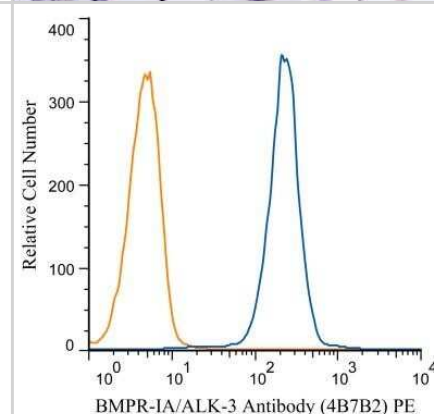
Western Blot: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis using BMPR1A mAb against HEK293 (1) and BMPR1A (AA: 179-378)-hlgGfc transfected HEK293 (2) cell lysate.



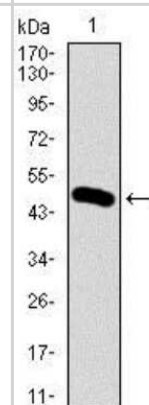
Immunohistochemistry-Paraffin: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis of kidney tissues using BMPR1A mouse mAb with DAB staining.



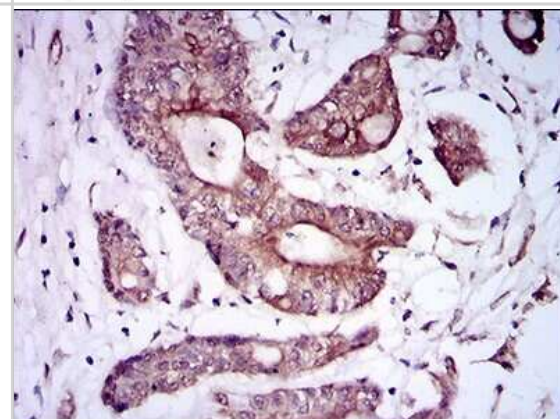
Flow Cytometry: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - An intracellular stain was performed on Jurkat cells with BMPR-IA/ALK-3 antibody (4B7B2) NBP2-37421PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin.



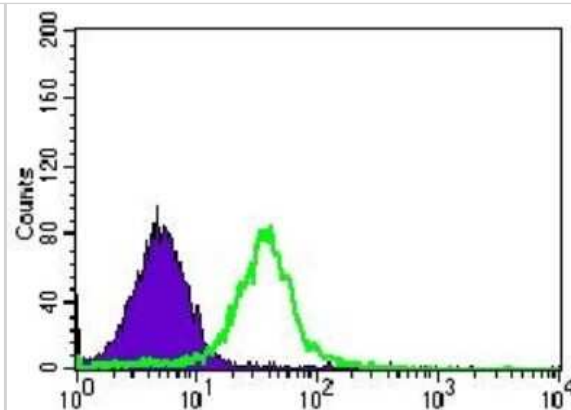
Western Blot: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis using BMPR1A mAb against human BMPR1A recombinant protein. (Expected MW is 48.1 kDa)



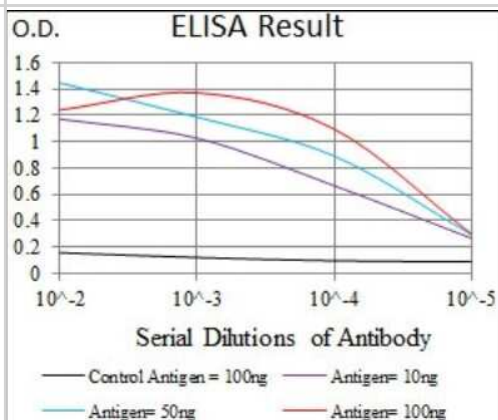
Immunohistochemistry-Paraffin: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis of colon cancer tissues using BMPR1A mouse mAb with DAB staining.



Flow Cytometry: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis of Jurkat cells using BMPR1A mouse mAb (green) and negative control (purple).



ELISA: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Bolander J, Ji W, Geris L et al. The combined mechanism of bone morphogenetic protein- and calcium phosphate-induced skeletal tissue formation by human periosteum derived cells. Eur Cell Mater. 2016-01-05 [PMID: 26728496] (ICC/IF, Human)



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Products Related to NBP2-37421

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
314-BP-010	BMP-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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