

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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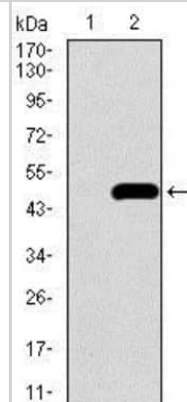


NBP2-37421**BMPR-IA/ALK-3 Antibody (4B7B2) - BSA Free**

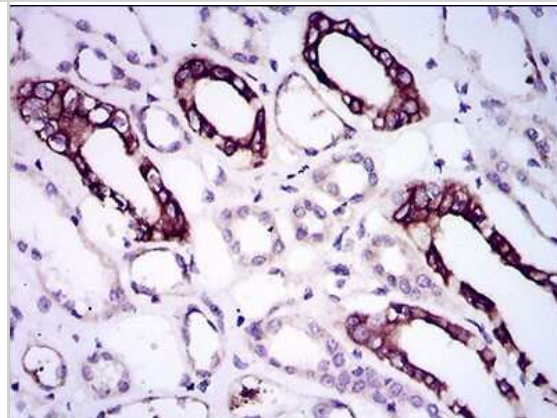
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4B7B2 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS |
| Target Molecular Weight | 60 kDa |
| Product Description | |
| Description | Novus Biologicals Mouse BMPR-IA/ALK-3 Antibody (4B7B2) - BSA Free (NBP2-37421) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-BMPR-IA/ALK-3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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

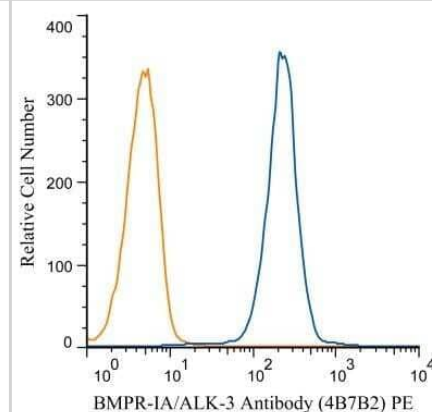
Western Blot: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis using BMPR1A mAb against HEK293 (1) and BMPR1A (AA: 179-378)-hlgGFc transfected HEK293 (2) cell lysate.



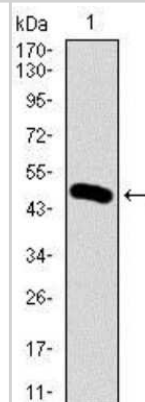
Immunohistochemistry-Paraffin: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis of kidney tissues using BMPR1A mouse mAb with DAB staining.



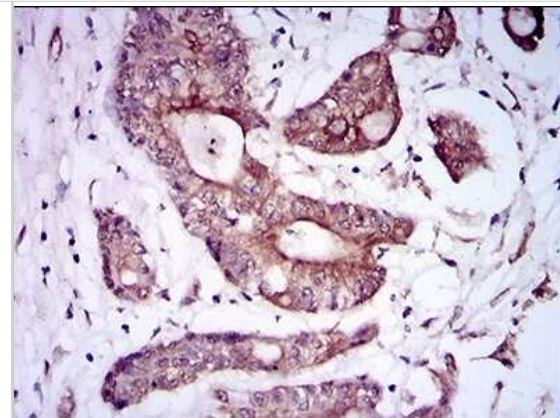
Flow Cytometry: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - An intracellular stain was performed on Jurkat cells with BMPR-IA/ALK-3 antibody (4B7B2) NBP2-37421PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells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



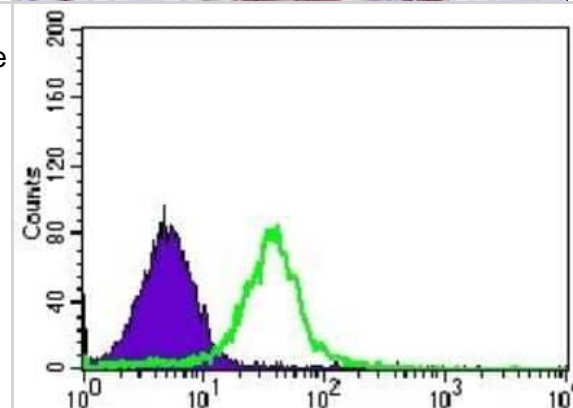
Western Blot: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis using BMPR1A mAb against human BMPR1A recombinant protein. (Expected MW is 48.1 kDa)



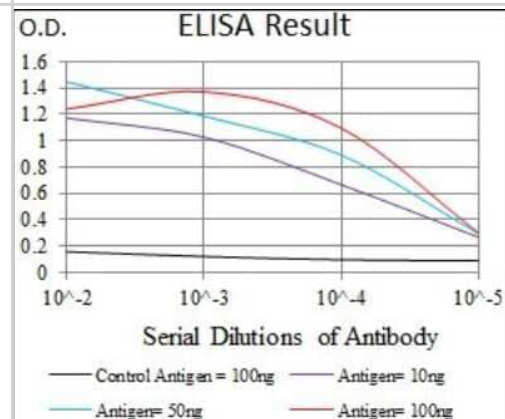
Immunohistochemistry-Paraffin: BMPR-IA/ALK-3 Antibody (4B7B2) [NBP2-37421] - Analysis of colon cancer tissues using BMPR1A mouse mAb with DAB staining.



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

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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