

Product Datasheet

BMPR-II Antibody (3F6) - BSA Free NBP2-37624

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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NBP2-37624

BMPR-II Antibody (3F6) - BSA Free

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 3F6 |
| Preservative | 0.03% Sodium Azide |
| Isotype | IgG1 |
| Purity | Unpurified |
| Buffer | Ascites |
| Target Molecular Weight | 115 kDa |

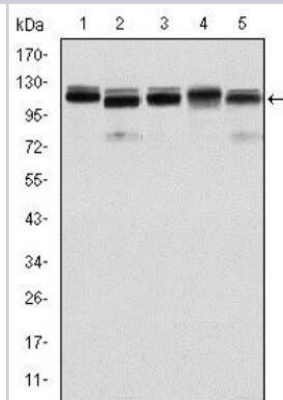
| Product Description | |
|---------------------|---|
| Host | Mouse |
| Gene ID | 659 |
| Gene Symbol | BMPR2 |
| Species | Human, Mouse, Rat, Primate, Monkey |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen | Purified recombinant fragment of human BMPR-II expressed in E. Coli. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000 |

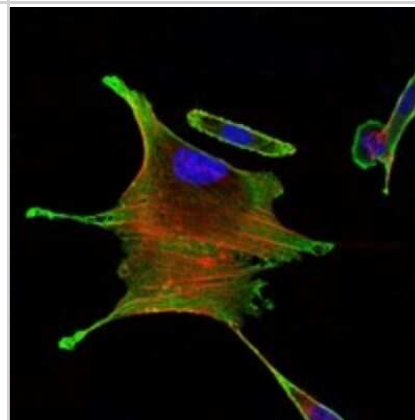


Images

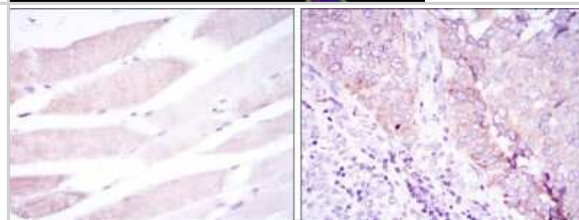
Western Blot: BMPR-II Antibody (3F6) [NBP2-37624] - Analysis using BMPR2 mouse mAb against Hela (1), A431 (2), NIH/3T3 (3), Cos7 (4) and PC-12 (5) cell lysate.



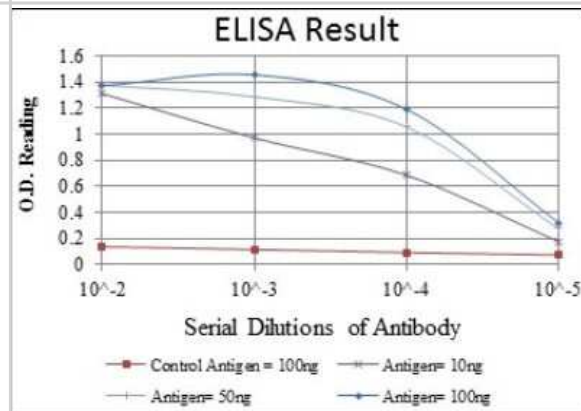
Immunocytochemistry/Immunofluorescence: BMPR-II Antibody (3F6) [NBP2-37624] - Analysis of Eca109 cells using BMPR2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry-Paraffin: BMPR-II Antibody (3F6) [NBP2-37624] - Muscle tissues (left) and kidney cancer tissues (right) using BMPR2 mouse mAb with DAB staining.



ELISA: BMPR-II Antibody (3F6) [NBP2-37624] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Toyama T, Kudryashova TV, Ichihara A et al. GATA6 coordinates cross-talk between BMP10 and oxidative stress axis in pulmonary arterial hypertension Scientific reports 2023-04-22 [PMID: 37087509] (WB, Human)



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Products Related to NBP2-37624

| | |
|------------------|---|
| 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) |
| NBP2-55020PEP | BMPR-II Recombinant Protein Antigen |

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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