

Product Datasheet

BMP-4 Antibody (3C11C7) - BSA Free NBP2-52424

Unit Size: 0.1 mg

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

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Publications: 2

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NBP2-52424

BMP-4 Antibody (3C11C7) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C11C7
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	46.5 kDa

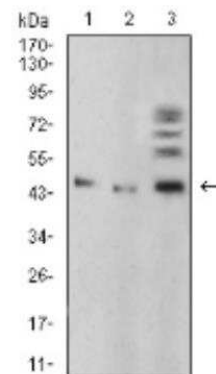
Product Description	
Description	Novus Biologicals Mouse BMP-4 Antibody (3C11C7) - BSA Free (NBP2-52424) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-BMP-4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	652
Gene Symbol	BMP4
Species	Human, Rat
Immunogen	Purified recombinant fragment of human BMP-4 (AA: 277-408) 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, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready. IHC reported in scientific literature (PMID: 29306659).

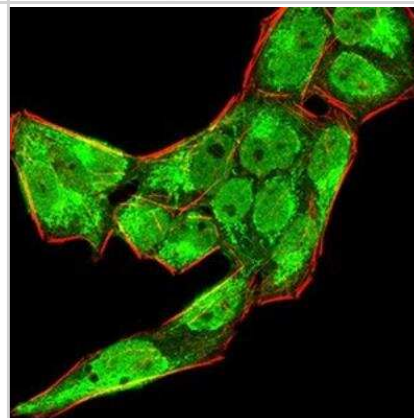


Images

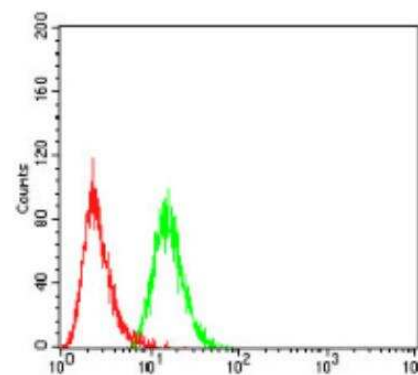
Western Blot: BMP-4 Antibody (3C11C7) [NBP2-52424] - Analysis using BMP4 mouse mAb against A549 (1), HepG2 (2), and C6 (3) cell lysate.



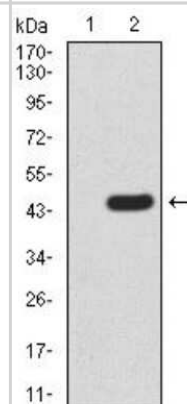
Immunocytochemistry/Immunofluorescence: BMP-4 Antibody (3C11C7) [NBP2-52424] - Analysis of HeLa cells using BMP4 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



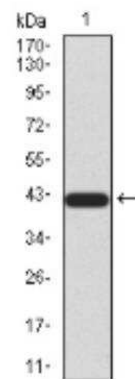
Flow Cytometry: BMP-4 Antibody (3C11C7) [NBP2-52424] - Flow cytometric analysis of HeLa cells using BMP4 mouse mAb (green) and negative control (red).



Western Blot: BMP-4 Antibody (3C11C7) [NBP2-52424] - Analysis using BMP4 mAb against HEK293 (1) and BMP4 (AA: 277-408)-hlgGfc transfected HEK293 (2) cell lysate.



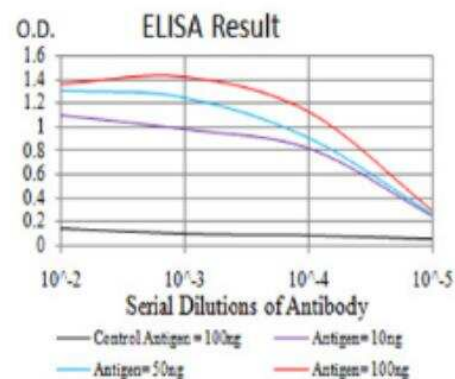
Western Blot: BMP-4 Antibody (3C11C7) [NBP2-52424] - Analysis using BMP4 mAb against human BMP4 recombinant protein. (Expected MW is 41 kDa)



Immunocytochemistry/Immunofluorescence: BMP-4 Antibody (3C11C7) [NBP2-52424] - Immunofluorescence analysis of Hela cells using BMP4 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



ELISA: BMP-4 Antibody (3C11C7) [NBP2-52424] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Publications

Scimeca M, Bonfiglio R, Menichini E, et al. Microcalcifications Drive Breast Cancer Occurrence and Development by Macrophage-Mediated Epithelial to Mesenchymal Transition Int J Mol Sci 2019-11-11 [PMID: 31718020] (IHC-P, Human)

Scimeca M, Antonacci C, Toschi N et al. Breast Osteoblast-like cells a reliable early marker for bone metastases from breast cancer. Clinical Breast Cancer 2017-12-05 [PMID: 29306659] (Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-52424

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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