

# Product Datasheet

## BMP-7 Antibody (6E5D12) - BSA Free NBP2-52425

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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**NBP2-52425**

BMP-7 Antibody (6E5D12) - 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	6E5D12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	49.3 kDa

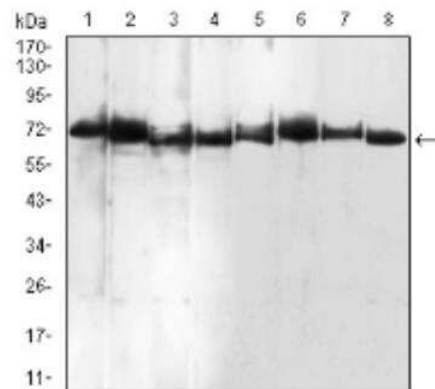
Product Description	
Description	Novus Biologicals Mouse BMP-7 Antibody (6E5D12) - BSA Free (NBP2-52425) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-BMP-7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	655
Gene Symbol	BMP7
Species	Human, Mouse, Virus
Reactivity Notes	Viral reactivity reported in scientific literature (PMID: 30850350). 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 Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Purified recombinant fragment of human BMP-7 (AA: 239-431) expressed in E. Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, 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, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

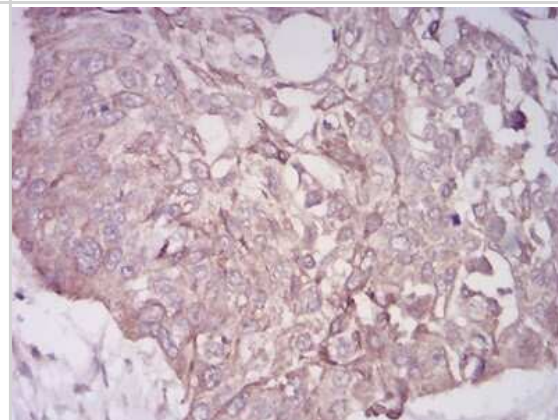


## Images

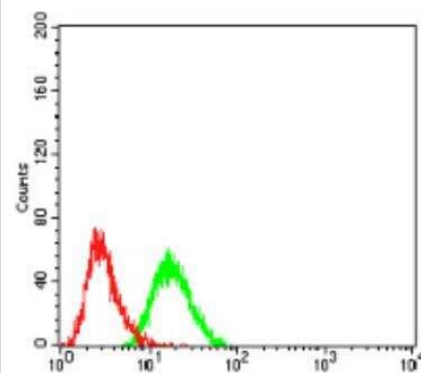
Western Blot: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis using BMP7 mouse mAb against Raw264.7 (1), A549 (2), Jurkat (3), PC-3 (4), HEK293 (5), Jurkat (6), NIH/3T3 (7), and Hela (8) cell lysate.



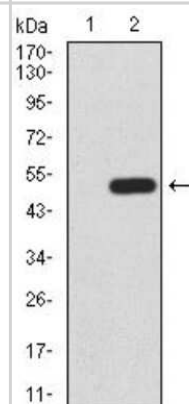
Immunohistochemistry-Paraffin: BMP-7 Antibody (6E5D12) [NBP2-52425] - Esophageal cancer tissues using BMP7 mouse mAb with DAB staining.



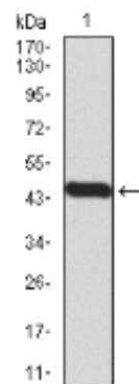
Flow Cytometry: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis of HEK293 cells using BMP7 mouse mAb (green) and negative control (red).



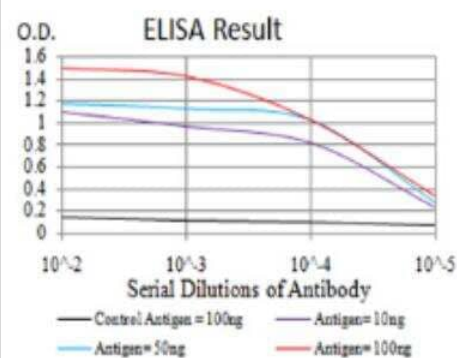
Western Blot: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis using BMP7 mAb against HEK293 (1) and BMP7 (AA: 239-431)-hlgGfc transfected HEK293 (2) cell lysate.



Western Blot: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis using BMP7 mAb against human BMP7 recombinant protein. (Expected MW is 47.7 kDa)



ELISA: BMP-7 Antibody (6E5D12) [NBP2-52425] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



## Publications

Wang M, Xiong L, Jiang LJ, et al. miR-4739 mediates pleural fibrosis by targeting bone morphogenetic protein 7. EBioMedicine. 2019-03-05 [PMID: 30850350] (WB, Viral)



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### **Products Related to NBP2-52425**

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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)

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### **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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