

# 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**

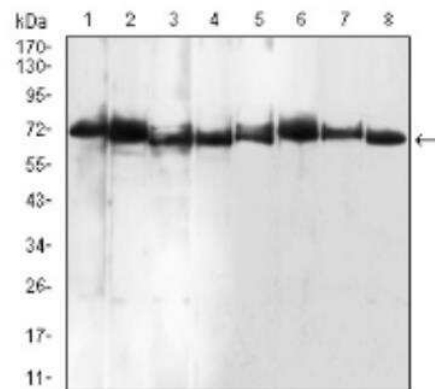
BMP-7 Antibody (6E5D12) - BSA Free

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

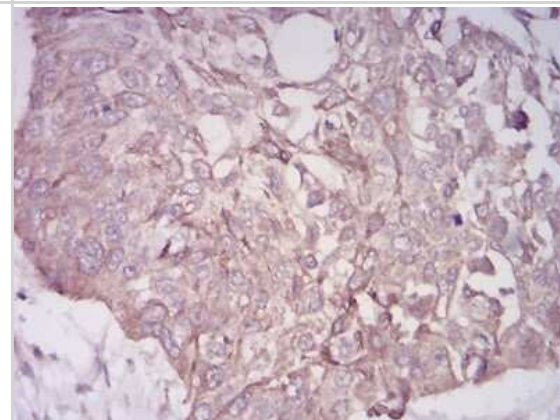


## Images

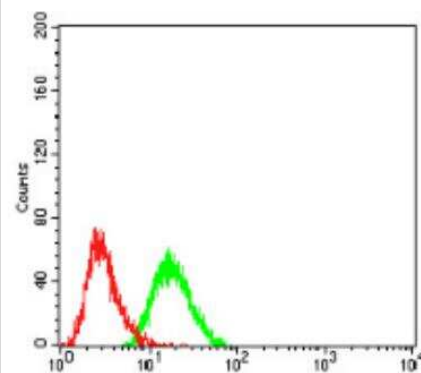
Western Blot: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis using BMP7 mouse mAb against Raw264.7 (1), A549 (2), Jurkat (3), PC-3 (4), HEK293 (5), Jurkat (6), NIH/3T3 (7), and Hela (8) cell lysate.



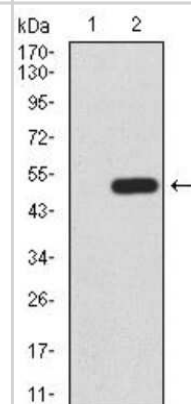
Immunohistochemistry-Paraffin: BMP-7 Antibody (6E5D12) [NBP2-52425] - Esophageal cancer tissues using BMP7 mouse mAb with DAB staining.



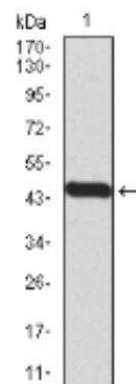
Flow Cytometry: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis of HEK293 cells using BMP7 mouse mAb (green) and negative control (red).



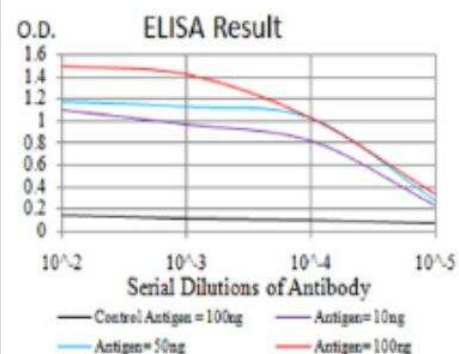
Western Blot: BMP-7 Antibody (6E5D12) [NBP2-52425] - Analysis using BMP7 mAb against HEK293 (1) and BMP7 (AA: 239-431)-hlgGfc transfected HEK293 (2) cell lysate.



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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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)
NBP2-34933-10ug	Recombinant Human BMP-7 Protein

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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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