

# Product Datasheet

## **BMP-6 Antibody (74219.11) - Azide and BSA Free NB120-10859**

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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**NB120-10859**

BMP-6 Antibody (74219.11) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	74219.11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS and 5% Trehalose
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	654
<b>Gene Symbol</b>	BMP6
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This shows less than 5 % cross-reactivity with recombinant human BMP5 and BMP7 and no cross-reactivity with recombinant human BMP2 and BMP4 under reducing conditions.
<b>Immunogen</b>	Recombinant full length protein (Human) expressed in CHO cells.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Block/Neutralize
<b>Application Notes</b>	ELISA: Use at a concentration of 0.5 - 1.0 ug/ml. The detecton limit for recombinant human BMP-6 is approximately 6.2 ng/well.Inhib: Use at a concentration of 1 - 3 ug/ml.WB: Use at a concentration of 1 - 20 ug/ml. The detection limit for recombinant human BMP6 is approximately 20 ng/lane under non-reducing conditions.Anti-Human Bone Morphogenetic Protein 6 (BMP6) is measured by its ability to neutralize the bioactivity of BMP6 in osteoblast MC3T3-E1 cells. Recombinant human BMP6 is added to various concentrations of the antibody for 1 hour at 37. This antibody has neutralizing activity at 0.5-2 ug/ml in an assay using ATDC-5 cells, which indicates that it has specificity to an epitope of the target which neutralizes its functional activity.



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### **Products Related to NB120-10859**

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NBL1-08005	BMP-6 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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