

# Product Datasheet

## Osteoadherin/OSAD/OMD Antibody

### NBP2-19626

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-19626****Osteoadherin/OSAD/OMD Antibody****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	49 kDa

**Product Description**

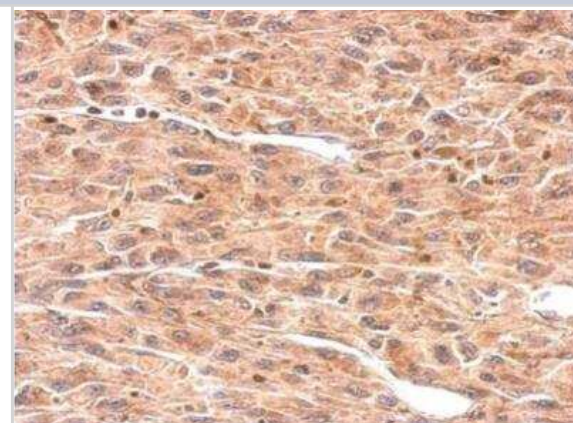
<b>Host</b>	Rabbit
<b>Gene ID</b>	4958
<b>Gene Symbol</b>	OMD
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (85%), Bovine (87%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Osteoadherin/OSAD/OMD. The exact sequence is proprietary.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

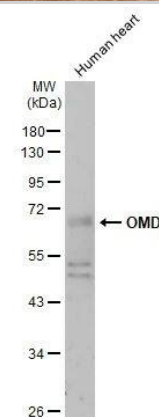
Immunohistochemistry-Paraffin: Osteoadherin/OSAD/OMD Antibody [NBP2-19626] - Paraffin-embedded U87 xenograft. OMD antibody dilution: 1:500.



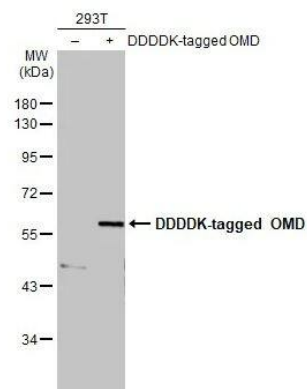
Immunohistochemistry-Paraffin: Osteoadherin/OSAD/OMD Antibody [NBP2-19626] - Analysis of mouse muscle, using OMD antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Western Blot: Osteoadherin/OSAD/OMD Antibody [NBP2-19626] - Human heart (30ug) was separated by 10% SDS-PAGE, and the membrane was blotted with OMD antibody diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Western Blot: Osteoadherin/OSAD/OMD Antibody [NBP2-19626] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with OMD antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



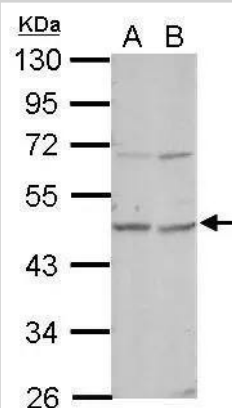
Western Blot: Osteoadherin/OSAD/OMD Antibody [NBP2-19626] - Sample (30 ug of whole cell lysate)

A: A549

B: MCF-7

10% SDS PAGE

NBP2-19626 diluted at 1:500



## Publications

Hamaya, E, Fujisawa, T Et al. Osteoadherin serves roles in the regulation of apoptosis and growth in MC3T3 E1 osteoblast cells. Int J Mol Med 2019-12-01 [PMID: 31638177] (ICC/IF, Human)



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### **Products Related to NBP2-19626**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-68892PEP	Osteoadherin/OSAD/OMD Recombinant Protein Antigen

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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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