

# Product Datasheet

## Periostin/OSF-2 Antibody (JA63-40) NBP2-67038

Unit Size: 100 ul

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

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**NBP2-67038**

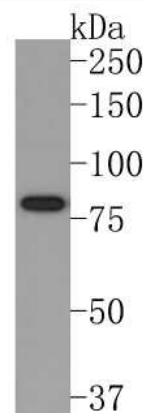
Periostin/OSF-2 Antibody (JA63-40)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JA63-40
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene Symbol	POSTN
Species	Human
Immunogen	Synthetic peptide within Periostin/OSF-2 aa 11-60 / 836. (SwissProt: Q15063 Human)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry-Paraffin 1:400

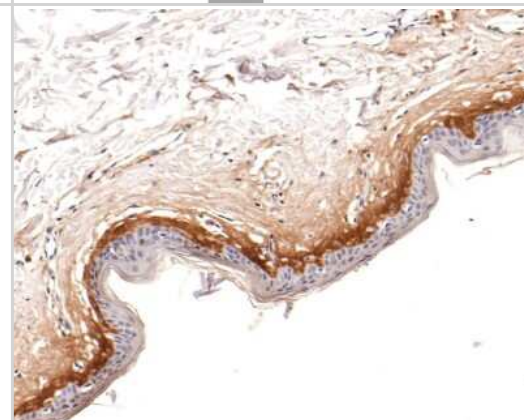


## Images

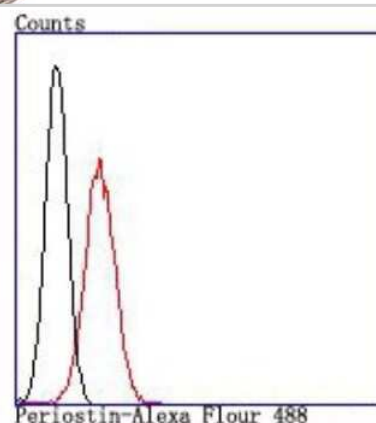
**Western Blot: Periostin/OSF-2 Antibody (JA63-40) [NBP2-67038]** - Analysis of Periostin/OSF-2 on human brain tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Predicted band size: 93 kDa. Observed band size: 80 kDa.



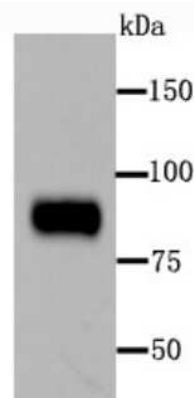
**Immunohistochemistry-Paraffin: Periostin/OSF-2 Antibody (JA63-40) [NBP2-67038]** - Analysis of paraffin-embedded human skin tissue using anti-Periostin/OSF-2 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Flow Cytometry: Periostin/OSF-2 Antibody (JA63-40) [NBP2-67038]** - Analysis of 293T cells with Periostin antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



**Western Blot: Periostin/OSF-2 Antibody (JA63-40) [NBP2-67038]** - Analysis of Periostin on human placenta tissue lysate using anti-Periostin antibody at 1/1,000 dilution.



## Publications

Schmuck EG, Roy S, Dhillon A, et al. Cultured cardiac fibroblasts and myofibroblasts express Sushi Containing Domain 2 and assemble a unique fibronectin rich matrix Experimental cell research 2021-02-15 [PMID: 33453237]



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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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