

# Product Datasheet

## Periostin/OSF-2 Antibody Pair [Biotin] NBP2-78864

Unit Size: 1 Set

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

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**NBP2-78864****Periostin/OSF-2 Antibody Pair [Biotin]****Product Information**

<b>Unit Size</b>	1 Set
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Conjugate</b>	Biotin

**Product Description**

<b>Description</b>	Sandwich ELISA for the quantitative determination of Mouse Periostin/OSF-2
<b>Gene Symbol</b>	POSTN
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Detects mouse periostin. Does not detect human periostin.
<b>Kit Components</b>	1 vial standard protein (5 ug) (lyophilized) [STD], 1 vial coating antibody (120 ul) [COAT], 1 vial detection antibody (20 ul) [DET], 1 vial streptavidin-HRP (10 ug) (lyophilized) [STREP]
<b>Standard Curve Range</b>	31 - 2000 pg/ml
<b>Sensitivity</b>	20 pg/ml
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Cell Culture Supernatant, Serum
<b>Sample Volume</b>	100 ul

**Product Application Details**

<b>Applications</b>	Sandwich ELISA
<b>Recommended Dilutions</b>	Sandwich ELISA
<b>Application Notes</b>	<ol style="list-style-type: none"> <li>1. Dilute the desired amount of Coating Antibody (COAT) (1 mg/ml) (mouse monoclonal antibody) to 2 ug/ml in PBS without carrier protein and use it fresh.</li> <li>2. Dilute the desired amount of Detection Antibody (DET) (1 mg/ml) (biotinylated mouse monoclonal antibody) to 0.1 ug/ml in ELISA Buffer and use it fresh.</li> <li>3. Reconstitute the Streptavidin-HRP (STREP) with 100 ul ELISA Buffer. After reconstitution, prepare aliquots and store the reconstituted STREP at -20C. Avoid freeze/thaw cycles. Dilute the reconstituted Streptavidin-HRP to the working concentration by adding 10 ul in 10 ml of ELISA Buffer (1:1000).</li> <li>4. Reconstitute the Standard Protein (STD) (recombinant mouse Periostin/OSF-2) with 100 ul ELISA Buffer to obtain a concentration of 50 ug/ml. After reconstitution, prepare aliquots and store the reconstituted standard at -20C. Avoid freeze/ thaw cycles. A standard curve using 2-fold serial dilutions in ELISA Buffer is recommended. Suggested standard points are 2000 pg/ml, 1000 pg/ml, 500 pg/ml, 250 pg/ml, 125 pg/ml, 62.5 pg/ml, 31.25 pg/ml and 0 pg/ml.</li> </ol>





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### **Products Related to NBP2-78864**

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NBP1-82472PEP	Periostin/OSF-2 Recombinant Protein Antigen
NBP1-30042	Periostin/OSF-2 Antibody - C-terminus - Azide and BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Pairs are guaranteed for 6 months from date of receipt.

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