# Periostin Rabbit mAb

Catalog No.: A9009 Recombinant 3 Publications



## **Basic Information**

#### **Observed MW**

80kDa

### **Calculated MW**

80kDa/83kDa/84kDa/87kDa/90kDa/93kD

### Category

Primary antibody

### **Applications**

WB,ELISA

### **Cross-Reactivity**

Human

### CloneNo number

ARC1380

## **Background**

This gene encodes a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing, and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms.

# **Recommended Dilutions**

**WB** 1:500 - 1:1000

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID Swiss Prot** 10631 Q15063

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

PN; OSF2; OSF-2; PDLPOSTN; Periostin

## **Contact**

6	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

### **Product Information**

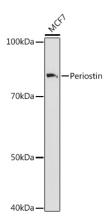
Source Isotype **Purification** Rabbit IgG Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Western blot analysis of lysates from MCF7 cells, using Periostin Rabbit mAb (A9009) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.