

**Anti-Periostin Monoclonal Antibody**  
**Catalog # ABO14383****Specification**

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**Anti-Periostin Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	<a href="#">Q15063</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Periostin Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human.

**Anti-Periostin Monoclonal Antibody - Additional Information**

**Gene ID** 10631

**Other Names**

Periostin, PN, Osteoblast-specific factor 2, OSF-2, POSTN, OSF2

**Application Details**

WB 1:500-1:2000<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Periostin.

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Periostin Monoclonal Antibody - Protein Information**

**Name** POSTN

**Synonyms** OSF2

**Function**

Induces cell attachment and spreading and plays a role in cell adhesion (PubMed:<a href="http://www.uniprot.org/citations/12235007" target="\_blank">12235007</a>). Enhances incorporation of BMP1 in the fibronectin matrix of connective tissues, and subsequent proteolytic activation of lysyl oxidase LOX (By similarity).

#### Cellular Location

Golgi apparatus {ECO:0000250|UniProtKB:Q62009}. Secreted Secreted, extracellular space, extracellular matrix Note=Colocalizes with BMP1 in the Golgi {ECO:0000250|UniProtKB:Q62009}

#### Tissue Location

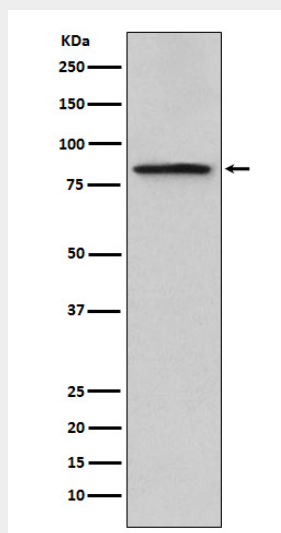
Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus, thyroid tissue and breast. Expressed in the kidney (PubMed:21763681). Expressed in the lung (PubMed:22079858). Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor Overexpressed in breast cancers.

### Anti-Periostin Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Periostin Monoclonal Antibody - Images



Western blot analysis of Periostin expression in 293T cell lysate.