

Anti-Periostin Monoclonal Antibody
Catalog # ABO14383

Specification

Anti-Periostin Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	Q15063
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
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:12235007). 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

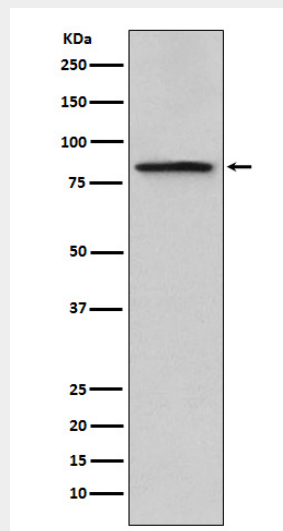
Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus, thyroid tissue and breast. Expressed in the kidney (PubMed:21763681). Expressed in the lung (PubMed:22079858). Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly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