BioVision
BioVision Incorporated

Anti-Periostin Antibody (Clone# POSTN/3501)

CATALOG NO.:	**A2233-100 (100 µg)**

BACKGROUND DESCRIPTION: 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.

|	
ALTERNATE NAMES:	PN, OSF2, OSF-2, PDLPOSTN, Periostin, POSTN
ANTIBODY TYPE:	Monoclonal
CLONE:	POSTN/3501
HOST/ISOTYPE:	Mouse / IgG1, kappa
IMMUNOGEN:	Recombinant fragment (around aa 193-326) of human POSTN protein
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	In 10 mM PBS
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20ºC. Avoid freeze/thaw cycles
APPLICATIONS AND USAGE:	IHC (1-2 µg/ml)

This information is only intended as a guide. The optimal dilutions must be determined by the user

Rank	Protein	Z score	S score
1	POSTN	147.69	135.17
2	DDI2	12.52	6.04
3	FDPS	6.48	2.19
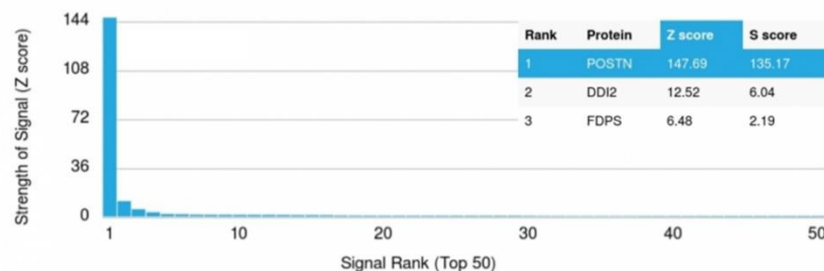
Protein Array analysis of > 19,000 full-length human proteins on HuProt™ array using the Anti-Periostin antibody (Clone# POSTN/3501). Protein array data is represented in the form of the Z-score and S-score. Z-score denotes signal strength of a monoclonal antibody (in conjugation with fluorescently-tagged anti-IgG secondary antibody) which it produces when binding to a particular protein on an array. S-score denotes the specificity of a monoclonal antibody relative to the target protein. S-score is calculated as the difference between the Z-scores. If the S-score is > 2.5, then the monoclonal antibody is specific to its target protein of interest.

Gentaur
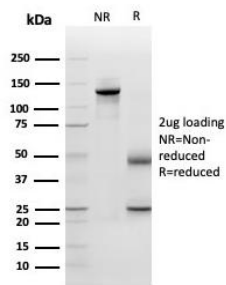
SDS-PAGE analysis to confirm the purity and integrity of Anti-Periostin antibody (Clone# POSTN/3501).

A   **B**
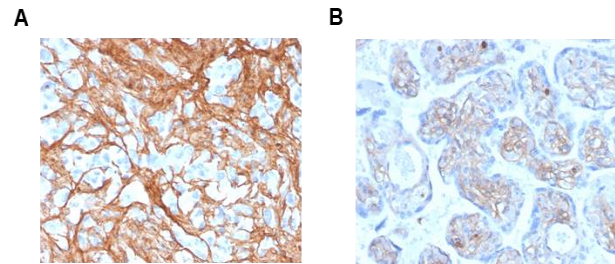
Immunohistochemical analysis of paraffin embedded human colon carcinoma (A) and human placenta (B) using Anti-Periostin antibody (Clone# POSTN/3501).

RELATED PRODUCTS:

PI3 kinase Antibody (3959)
IL-6 Antibody (5144)
Anti-Akt1 Rabbit Monoclonal Antibody (A1117)
Anti-TGF-β1 Antibody (A1456)

FOR RESEARCH USE ONLY! Not to be used on humans.