

Rabbit anti-Human Periostin Monoclonal Antibody | anti-POSTN antibody

Periostin Antibody

CATALOG # AAA312509	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

Periostin; Monoclonal Antibody; Periostin Antibody; Fasciclin-I like antibody; MGC119510 antibody; MGC119511 antibody; OSF 2 antibody; OSF-2 antibody; OSF2 antibody; Osteoblast specific factor 2 (fasciclin I like) antibody; Osteoblast specific factor 2 antibody; Osteoblast specific factor antibody; Osteoblast-specific factor 2 antibody; PDLPOSTN antibody; Periodontal ligament specific periostin antibody; Periostin antibody; Periostin isoform thy2 antibody; Periostin isoform thy4 antibody; Periostin isoform thy6 antibody; Periostin isoform thy8 antibody; Periostin osteoblast specific factor antibody; PN antibody; POSTN antibody; POSTN_HUMAN antibody; RP11 412K4.1 antibody; anti-POSTN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JA63-40
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-POSTN antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 293T cells with Periostin antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



WB (Western Blot)

Western blot analysis of Periostin on human placenta tissue lysate using anti-Periostin antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-POSTN antibody	Periostin (PN), also designated osteoblast-specific factor 2 (OSF-2), is a disulfide linked protein originally isolated as a osteoblast-specific factor. Periostin is a secreted protein that binds heparin and functions as a ligand for alpha (V)beta and alpha (V)beta integrins. In preosteoblasts, Periostin acts as a cell adhesion molecule and plays a role in osteoblast recruitment, spreading and attachment. Periostin is mainly detected in lower gastrointestinal tract, aorta, stomach, placenta, uterus and breast tissues but is up-regulated in epithelial ovarian tumors and overexpressed in breast cancer. Expression of Periostin is increased by bone morphogenetic protein (BMP2) and transforming growth factor beta 1 (TGF beta 1). Periostin contains a typical signal sequence, followed by a cysteine-rich domain, a fourfold repeated domain, which shows homology with the insect protein fasciclin, and a C-terminal domain.
Product Categories/Family for anti-POSTN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862907
NCBI GeneID	10631
NCBI Accession #	NP_006466.2
NCBI GenBank Nucleotide #	NM_006475.2
UniProt Accession #	Q15063; Q15064; Q29XZ0; Q3KPJ5; Q5VSY5; Q8IZF9; B1ALD8; C0IMJ1; C0IMJ2; C0IMJ4; D2KRH7; F5H628
Molecular Weight	93,314 Da
NCBI Official Full Name	periostin isoform 1
NCBI Official Synonym Full Names	periostin, osteoblast specific factor
NCBI Official Symbol	POSTN
NCBI Official Synonym Symbols	PN; OSF2; OSF-2; PDLPOSTN; periostin
NCBI Protein Information	periostin; periodontal ligament-specific periostin; osteoblast specific factor 2 (fasciclin I-like)
UniProt Protein Name	Periostin
UniProt Gene Name	POSTN
UniProt Synonym Gene Names	OSF2; PN; OSF-2
UniProt Entry Name	POSTN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/periostin-antibody-clone-ja63-40-flow-cytometry-western-blot-elisa/312509>