

Mouse anti-Human, Rat Periostin (POSTN) Monoclonal Antibody | anti-POSTN antibody

Monoclonal Antibody to Periostin (POSTN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152645	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

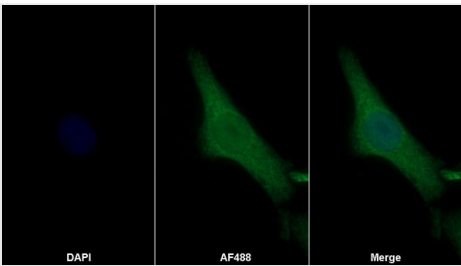
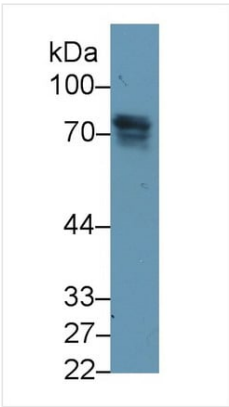
PRODUCT SYNONYMS

Periostin (POSTN); Monoclonal Antibody; Monoclonal Antibody to Periostin (POSTN); Periostin; OSF-2; PDLPOSTN; PN; Osteoblast Specific Factor 2; anti-POSTN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C2
Specificity	The antibody is a mouse monoclonal antibody raised against POSTN. It has been selected for its ability to recognize POSTN in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Pro97~Leu230
Applicable Applications for anti-POSTN antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Periostin (POSTN)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IF (Immunofluorescence)
AF488 staining on IF;Sample: Hela cellPrimary Ab: 30ug/ml Mouse Anti-human POSTN
AntibodySecond Ab: 2 ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Rat Lung lysate; Primary Ab: 2ug/ml Mouse Anti-human POSTN
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-POSTN antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Metabolic pathway
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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 (fascin 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.