

Product datasheet for **TA500070**

Periostin (POSTN) Mouse Monoclonal Antibody [Clone ID: OTI1A1]

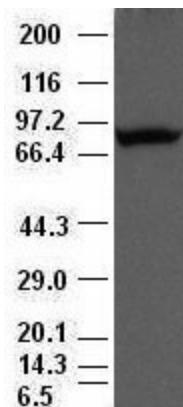
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A1
Applications:	IF, WB
Recommend Dilution:	WB 1:500, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-230 of human periostin (NP_006466) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	93.2 kDa
Gene Name:	periostin
Database Link:	NP_006466 Entrez Gene 10631 Human
Background:	Periostin is a disulfide linked 90 kDa, 811 amino acid protein originally isolated as a osteoblast-specific factor that functions as a cell adhesion molecule for preosteoblasts and is thought to be involved in osteoblast recruitment, attachment and spreading. Additionally, periostin expression has previously been shown to be significantly increased by both transforming growth factor beta 1(TGF beta 1) and bone morphogenetic protein (BMP2). Periostin mRNA is expressed in the developing mouse embryonic and fetal heart, and that it is localized to the endocardial cushions that ultimately divide the primitive heart tube into a four-chambered heart. Abnormal expression of periostin is also linked to angiogenesis and metastasis in epithelial tumors.
Synonyms:	OSF-2; OSF2; PDLPOSTN; PN
Protein Families:	Druggable Genome, Secreted Protein

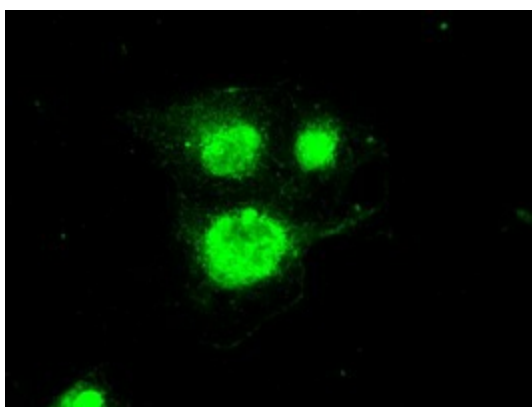


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Product images:



Periostin antibody (47) at 1:500 dilution + lysate from HeLa cells transfected with human periostin gene expression vector (Cat# [RC215156])



Anti-POSTN mouse monoclonal antibody (TA500070) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY POSTN ([RC215156]).