

Product datasheet for **CF804575**

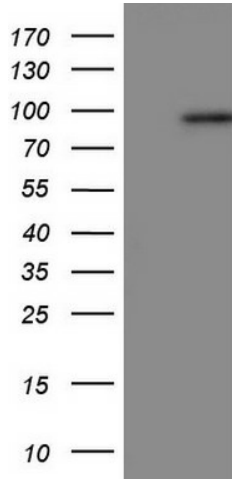
Periostin (POSTN) Mouse Monoclonal Antibody [Clone ID: OTI2B2]

Product data:

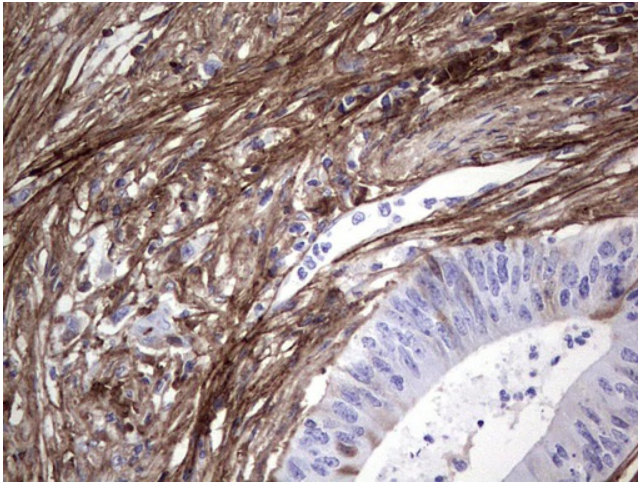
Product Type:	Primary Antibodies
Clone Name:	OTI2B2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 538-781 of human POSTN (NP_001129407) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	87.1 kDa
Gene Name:	periostin
Database Link:	NP_001129407 Entrez Gene 50706 Mouse Entrez Gene 10631 Human Q15063
Synonyms:	OSF-2; OSF2; PDLPOSTN; PN
Protein Families:	Druggable Genome, Secreted Protein



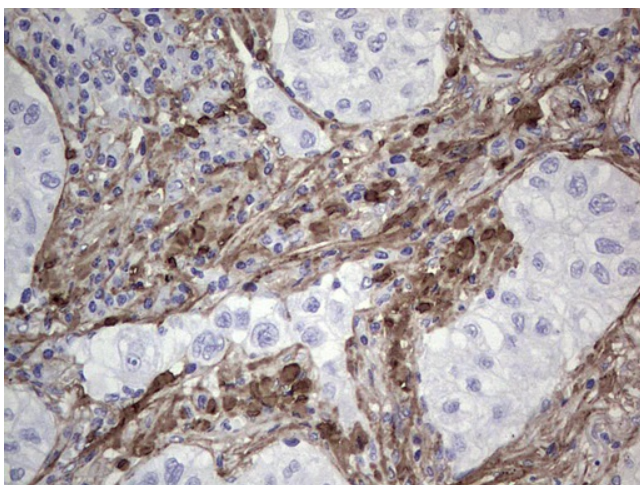
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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY POSTN (Cat# [RC227934], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POSTN (Cat# [TA804575]). Positive lysates [LY427734] (100ug) and [LC427734] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-POSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804575])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-POSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804575])

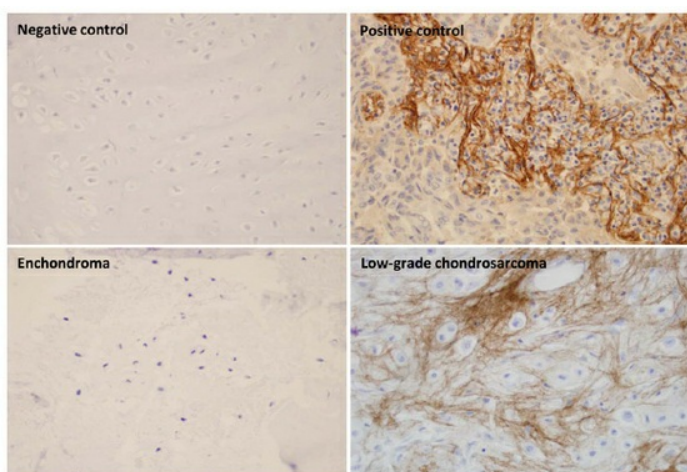


Figure from citation: Immunohistochemical staining for POSTN protein of negative control, positive control, enchondroma, and low grade chondrosarcoma (original magnification $\times 400$) by using anti-POSTN antibody. Dilution: 1:1000 [View Citation](#)