

## Product datasheet for **TA804575**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B2
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human
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:	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)
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:	<a href="#">NP_001129407</a> <a href="#">Entrez Gene 10631 Human</a> <a href="#">Q15063</a>
Synonyms:	OSF-2; OSF2; PDLPOSTN; PN
Protein Families:	Druggable Genome, Secreted Protein



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**Product images:**

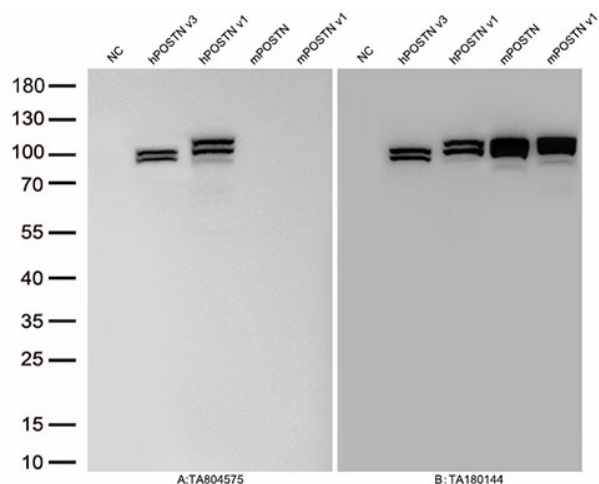
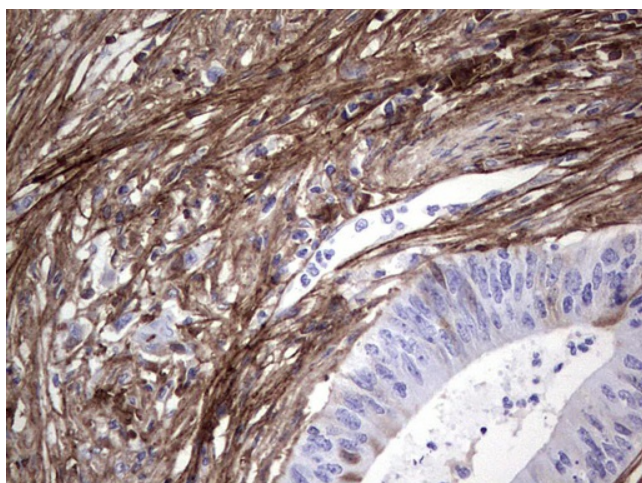
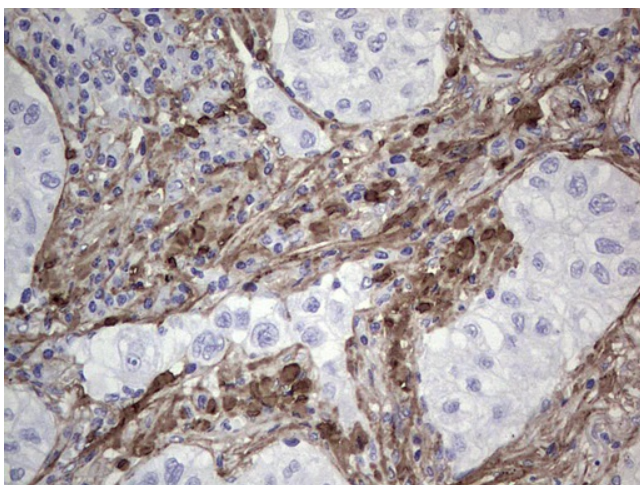


Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human POSTN plasmid ([RC227934], hPOSTN v3), human POSTN plasmid ([RC215156], hPOSTN v1), mouse POSTN plasmid ([MR210633], mPOSTN), mouse POSTN plasmid ([MR223073], mPOSTN v1) using anti-POSTN antibody TA804575 (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-POSTN mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-POSTN mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

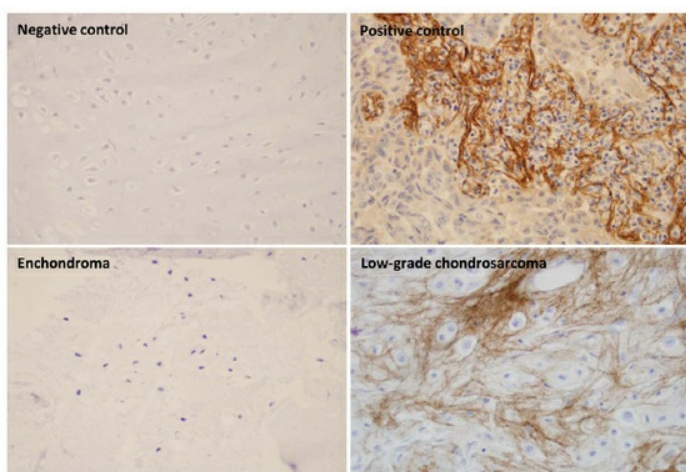


Figure from citation: Immunohistochemical staining for POSTN protein of negative control, positive control, enchondroma, and low grade chondrosarcoma (original magnification  $\times 400$ ) by using anti-POSTN antibody. Dilution: 1:1000 [View Citation](#)