

## 36-1250: Monoclonal Antibody to Tenascin C (Stromal Marker For Epithelial Malignancy)(Clone : SPM319)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SPM319
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNC
<b>Gene ID :</b>	3371
<b>Uniprot ID :</b>	P24821
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TNC,HXB
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Human breast carcinoma

### Description

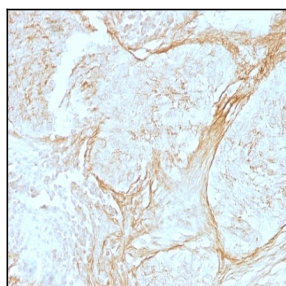
In Western blotting, it reacts with two bands of ~MW of 210kDa and 300kDa, identified as two isoforms of Tenascin C. Specificity of this MAb is validated by sequential immunoprecipitation with a PAb against Tenascin C. Tenascin C is a multifunctional, disulfide-linked hexameric extracellular matrix glycoprotein expressed in association with mesenchymal epithelial interactions during development and in the neo-vasculature and stroma of undifferentiated tumors. In adults, it is restricted to certain epithelial-stromal interfaces and increases markedly in hyper-proliferative diseases and in stroma of many neoplasms, including gliomas, breast, squamous and lung carcinomas.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (2-4ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes) ,



Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with **Tenascin C Monoclonal Antibody (SPM319)** at 4ug/ml. Antigen retrieval in 10mM Tris with 1mM EDTA, pH 9.0; ABC detection system with DAB Chromogen. Note staining of connective tissue.