

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

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

Description

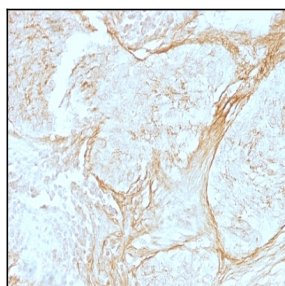
In Western blotting, it reacts with two bands of ~MW of 210kDa and 300kDa, identified as two isoforms of Tenascin C. Specificity of this MAb is validated by sequential immunoprecipitation with a PAb against Tenascin C. Tenascin C is a multifunctional, disulfide-linked hexameric extracellular matrix glycoprotein 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

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	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°C 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.