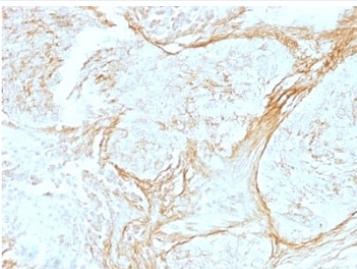


## Anti-Tenascin C Antibody [clone SPM319] (V2603)

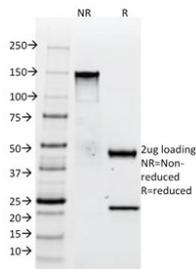
Catalog No.	Formulation	Size
V2603-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2603-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2603SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2603IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	SPM319
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P24821
<b>Localization</b>	Connective tissue matrix
<b>Applications</b>	Immunohistochemistry (FFPE) : 2-4ug/ml for 30 min at RT
<b>Limitations</b>	This anti-Tenascin C antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human lung carcinoma stained with anti-Tenascin C antibody (clone SPM319) at 4ug/ml.



SDS-PAGE analysis of purified, BSA-free anti-Tenascin C antibody (clone SPM319) as confirmation of integrity and purity.

## Description

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.

## Application Notes

Optimal dilution of the anti-Tenascin C antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Human breast carcinoma cells were used as the immunogen for the anti-Tenascin C antibody.

## Storage

Store the anti-Tenascin C antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).