

ARG41608 anti-Tenascin C antibody [SPM319]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [SPM319] recognizes Tenascin C
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	SPM319
Isotype	IgG1, kappa
Target Name	Tenascin C
Species	Human
Immunogen	Human breast carcinoma cells.
Conjugation	Un-conjugated
Alternate Names	Cytotactin; HXB; DFNA56; Myotendinous antigen; Hexabrachion; GP; Tenascin-C; Neuronectin; GMEM; TN; 150-225; JI; TN-C; GP 150-225; Glioma-associated-extracellular matrix antigen; Tenascin

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml

Application Note
IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

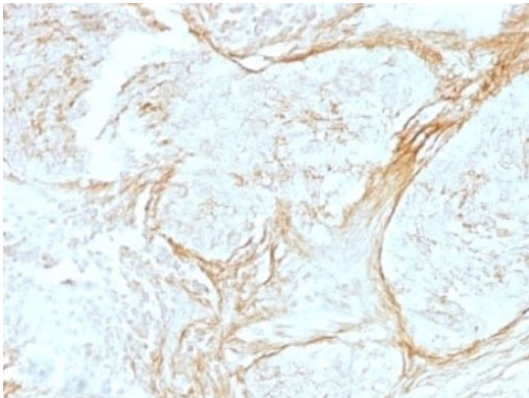
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TNC
Gene Full Name	tenascin C
Background	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011]
Function	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6. [UniProt]
Calculated Mw	241 kDa
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

Images



ARG41608 anti-Tenascin C antibody [SPM319] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung carcinoma tissue stained with ARG41608 anti-Tenascin C antibody [SPM319] at 4 $\mu\text{g}/\text{ml}$ dilution. Antigen Retrieval: Boil tissue section in 10 mM Tris with 1 mM EDTA (pH 9.0).