Product datasheet

anti-Human Tenascin-C mouse monoclonal, EBS-O-166, purified

Short overview

Cat. No.	691667
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	EBS-O-166
Immunogen	Protein preparation from a homogenate of a human breast cancer specimen
Formulation	PBS with 0.02% sodium azide
UniprotID	P24821 (Human)
Synomym	Tenascin, TN, Cytotactin, GMEM, GP 150-225, Glioma-associated-extracellular matrix antigen, Hexabrachion, JI, Myotendinous antigen, Neuronectin, Tenascin-C, TN-C, TNC, HXB
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human
No reactivity	Rat

Applications

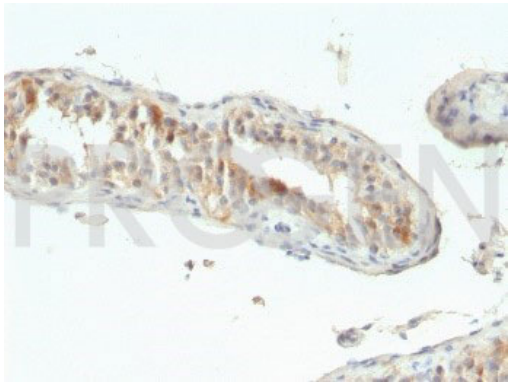
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM Tris with 1 mM EDTA pH 9.0 recommended)

Background

EBS-O-166 specifically reacts with tenascin-C, an extracellular matrix glycoprotein of 210 kDa. It recognizes those forms of tenascin that are produced by both normal and hyperproliferative (also neoplastic) tissues. Tenascin/hexabrachion/cytotactin is an extracellular matrix glycoprotein, widely expressed during embryogenesis. In adults, it is restricted to certain epithelial-stromal interfaces and increases markedly in hyperproliferative diseases and in stroma of many neoplasms, including gliomas, breast, squamous and lung carcinomas.

Positive control: sections of carcinomas like e.g. breast cancer, human testis.

Product images



Human testis