

## Product datasheet

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

#### Short overview

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

#### Product description

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

#### Applications

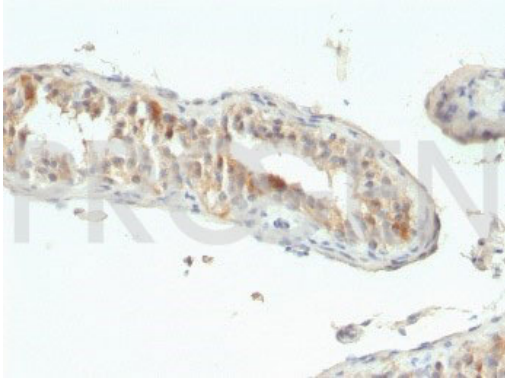
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM Tris with 1 mM EDTA pH 9.0 recommended)

#### 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