

# Datasheet



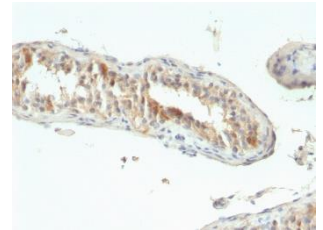
Mouse mAb to **Human  
Tenascin-C**  
Clone **EBS-O-166**  
Isotype **IgG1-κ**

## Source

A BALB/c mouse was immunized with a protein preparation from a homogenate of a human breast cancer specimen.  
Fusion partner: SP2/0.

## Specifications

EBS-O-166 specifically reacts with tenascin-C, an extracellular matrix glycoprotein of 210 kD. 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.



**Figure 1:** Human testis stained with EBS-O-166 (paraffin)

## Species reactivity

Positive: human.  
Negative: rat.

## Applications

Immunohistochemistry on frozen and paraffin sections.

Frozen sections	Paraffin sections
+	Tris/EDTA

## Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

## Dilution advice

- Immunohistology (1-2 µg/ml for 30 min at RT; staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes).

## Positive control

Sections of carcinomas like e.g. breast cancer. Human testis.

## References

- Verstraeten, AA et al., Br. J. Derm. 127(6), 571-574 (1992).