
5T4 Recombinant Rabbit mAb

Catalog Number: bsm-52422R

Target Protein: 5T4

Concentration: 1mg/ml

Form: Lyophilized or Liquid

Host: Rabbit

Clonality: Recombinant

Applications: WB (1:500-1000), IHC-P (1:200-800), IP (1:50-100), IP

Reactivity: (predicted:Human)

Isotype: IgG

Entrez Gene: 7162

Swiss Prot: Q13641

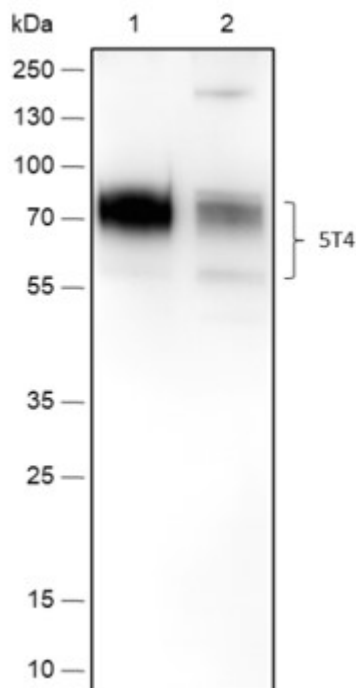
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

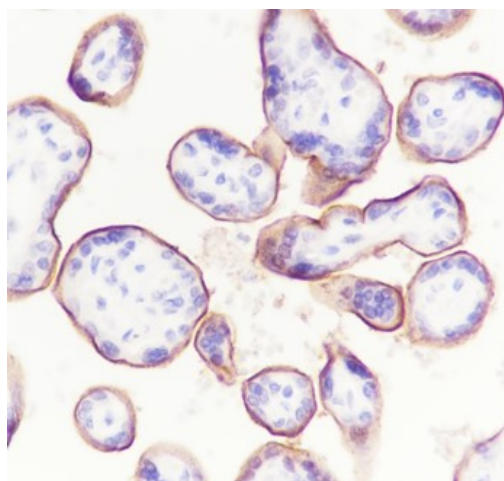
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: TPBG is a 420 amino acid single-pass type I membrane protein expressed by all types of trophoblasts as early as 9 weeks of development. TPBG contains an N-terminal putative signal sequence, a 310-residue extracellular region, a membrane anchorage domain and a 44-amino acid cytoplasmic tail with a potential phosphorylation site. The extracellular region has seven potential N-glycosylation sites and seven leucine-rich repeats, which are located in two regions separated by a hydrophilic stretch. Suggested to be involved in cell adhesion, TPBG may also be associated with tumor growth and progression.

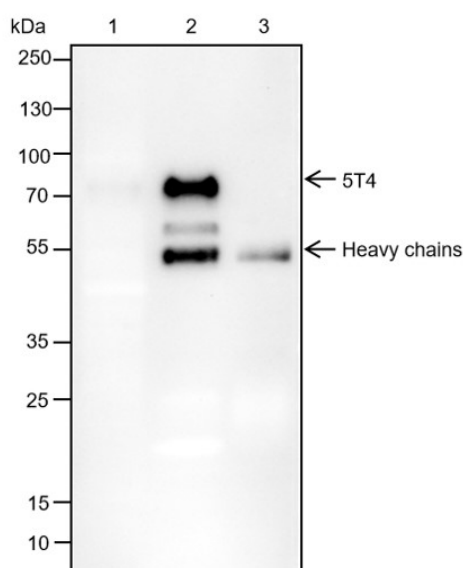
VALIDATION IMAGES



Blocking buffer: 5% NFDM/TBST
 Primary Ab dilution: 1:1000
 Primary Ab incubation condition: 2 hours at room temperature
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
 Lysate: 1: MCF-7, 2: JAR
 Protein loading quantity: 20 µg
 Exposure time: 60 s
 Predicted MW: 46 kDa
 Observed MW: 70-80/85 kDa



Tissue: Human placenta
 Section type: Formalin-fixed & Paraffin - embedded section
 Retrieval method: High temperature and high pressure
 Retrieval buffer: Tris/EDTA buffer, pH 9.0
 Primary Ab dilution: 1:2000
 Primary Ab incubation condition: 1 hour at room temperature
 Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)
 Counter stain: Hematoxylin (Blue)
 Comment: Color brown is the positive signal for bsm-52422R



IP of MCF-7 cells extracts
 IP ab incubation condition: PTM-6392, 4°C overnight, 1:100 dilution
 WB primary ab incubation condition: bsm-52422R, room temperature 2h, 1:1000 dilution
 Secondary ab: Anti-Rabbit IgG for IP (HRP)
 Blocking buffer and concentration: 5% NFDM/TBST
 Diluting buffer and concentration: 5% NFDM/TBST
 1: 5% Input
 2: IP with bsm-52422R
 3: IP with Rabbit monoclonal IgG Isotype
 Observed MW: 70-80/85 kDa
 Exposure time: 120 s