

## 5T4 Rabbit mAb

Catalog No: #48825

Package Size: #48825-1 50ul #48825-2 100ul

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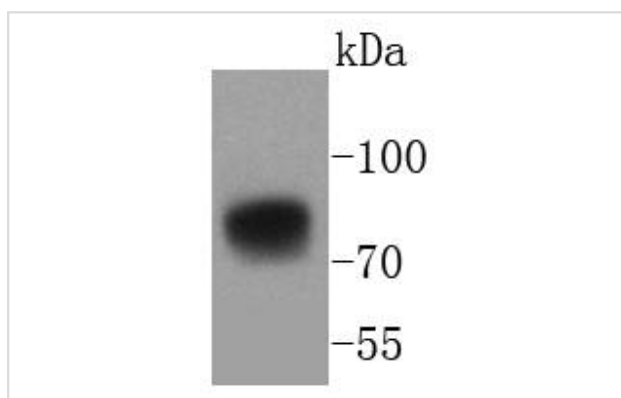
## Description

Product Name	5T4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SU34-05
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	5T4 antibody 5T4 oncofetal antigen antibody 5T4 oncofetal trophoblast glycoprotein antibody 5T4 oncotrophoblast glycoprotein antibody 5T4AG antibody AW495680 antibody M6P1 antibody TPBG antibody TPBG_HUMAN antibody Trophoblast glycoprotein antibody
Accession No.	Swiss-Prot#:Q13641
Uniprot	Q13641
GeneID	7162;
Calculated MW	72 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000-5,000

## Images



Western blot analysis of 5T4 on MCF-7 cells lysates using anti-5T4 antibody at 1/1,000 dilution.

## Background

TPBG (trophoblast glycoprotein), also known as 5T4, M6P1 or 5T4AG, 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.

## References

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Note: This product is for in vitro research use only