
Product Name: 5T4 Rabbit Monoclonal Antibody**Catalog #: AMRe02882**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 78 kDa

Antigen Information

Gene Name	TPBG
Alternative Names	5T4; 5T4AG; M6P1; TPBG; 5T4 oncofetal antigen; Trophoblast glycoprotein
Gene ID	7162
SwissProt ID	Q13641
Immunogen	A synthetic peptide of human 5T4

Background

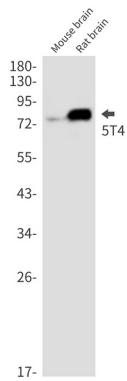
5T4 is a 72 kDa transmembrane glycoprotein that exhibits restricted expression in human and mouse adult tissues, is upregulated on many carcinomas and tumour expression correlates with poorer clinical outcome in ovarian, gastric and

colorectal cancers. mES cells lack cell surface expression of the 5T4 antigen, and both protein and mRNA are rapidly upregulated following induction of differentiation. This proteins expression correlates with downregulation of OCT-4 and Tra-1-60.

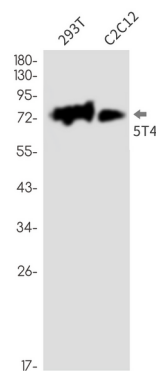
Research Area

Stem Cells

Image Data



Western blot analysis of 5T4 in mouse brain, rat brain lysates using 5T4 antibody.



Western blot analysis of 5T4 in 293T, C2C12 lysates using 5T4 antibody.