

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



Summary

Production Name	5T4 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	TPBG
Alternative Names	5T4; 5T4AG; M6P1; TPBG; 5T4 oncofetal antigen; Trophoblast glycoprotein
Gene ID	7162
SwissProt ID	Q13641

Application

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

Background

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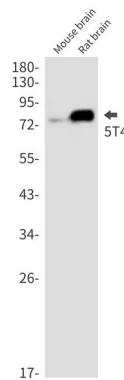


5T4 is a 72 kDa transmembrane glycoprotein that exhibits restricted expression in human and mouse adult tissues, is upregulated on many carcinomas and tumour expression correlates with poorer clinical outcome in ovarian, gastric and colorectal cancers. mES cells lack cell surface expression of the 5T4 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.

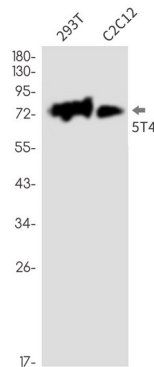
Research Area

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.

Note

For research use only.