

5T4 RABBIT MAB

Cat.#: N263203

Product Name: Anti-5T4 Rabbit Monoclonal Antibody

Synonyms: 5T4; 5T4AG; M6P1; TPBG; 5T4 oncofetal antigen; Trophoblast glycoprotein

UNIPROT ID: Q13641

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.

Immunogen: A synthetic peptide of human 5T4

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-3A0

MW: Calculated MW: 46 kDa; Observed MW: 78 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

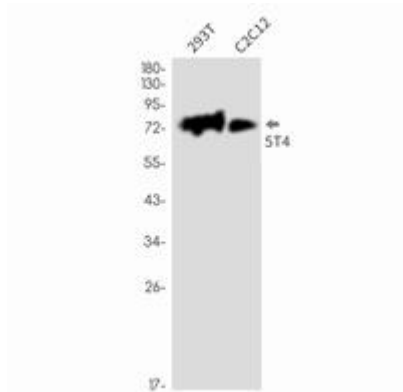
Conjugation: Unconjugated

Modification: Unmodified

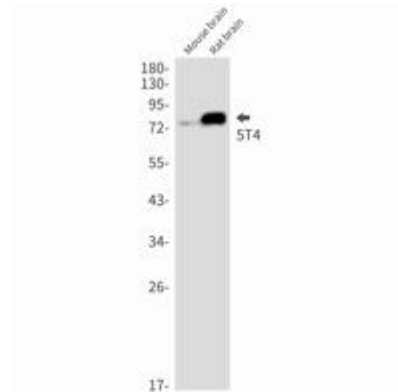
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Stem Cells

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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