

## 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

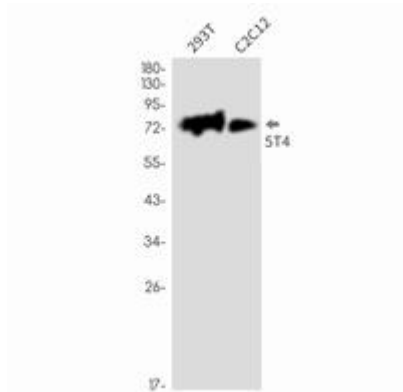
**Conjugation:** Unconjugated

**Modification:** Unmodified

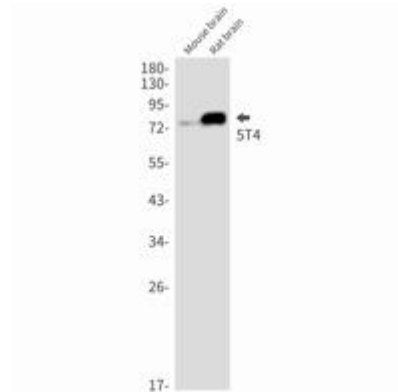
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**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.