

**5T4 monoclonal antibody**

Catalog: MB11901

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 46 kDa; Observed MW: 78 kDa

**Swiss-Prot:**

Q13641

**Purification&Purity:**

Affinity Purified

**Applications:**

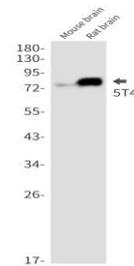
WB: 1/500-1/1000 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**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, not for use in diagnostic procedure.

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