

Product Datasheet

5T4 Antibody

Catalog No: CY5612

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: Q13641

All Names: TPBG; 5T4; 5T4-AG; 5T4AG; 5T4 oncofetal antigen; M6P1; Trophoblast glycoprotein;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 80 kDa

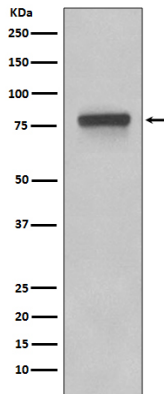
Application

WB: 1:500~1:1000

IHC: 1:50~1:200

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.



Western blot analysis of 5T4 expression in Caco-2 cell lysates.

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