Product Data Sheet
5T4 Rabbit Monoclonal Antibody

Product name:	5T4 Rabbit Monoclonal Antibody
Cat number:	MABN02882
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human 5T4
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight:	Calculated MW: 46 kDa; Observed MW: 78 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Synonyms:	5T4; 5T4AG; M6P1; TPBG; 5T4 oncofetal antigen; Trophoblast glycoprotein
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.