

产品名称: 5T4 (9W4) Rabbit Monoclonal Antibody
产品货号: AMRe06346



产品概述 (Summary)

产品名称 (Production Name)	5T4 (9W4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TPBG
别名 (Alternative Names)	TPBG; 5T4; 5T4-AG; 5T4AG; 5T4 oncofetal antigen; M6P1; Trophoblast glycoprotein;
基因 ID (Gene ID)	7162.0
蛋白 ID (SwissProt ID)	Q13641.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:1000,IF-P 1:200-1:1000
蛋白分子量 (Molecular Weight)	46kDa

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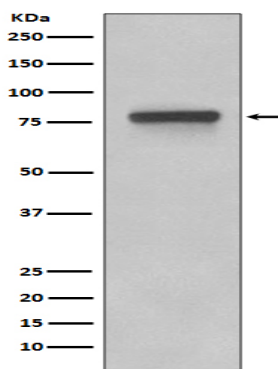
研究背景 (Background)

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. May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.

研究领域 (Research Area)

Stem Cells

图片 (Image Data)



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

注意事项 (Note)

For research use only .