

## 5T4 Rabbit mAb

Catalog No: #58900

Package Size: #58900-1 50ul #58900-2 100ul

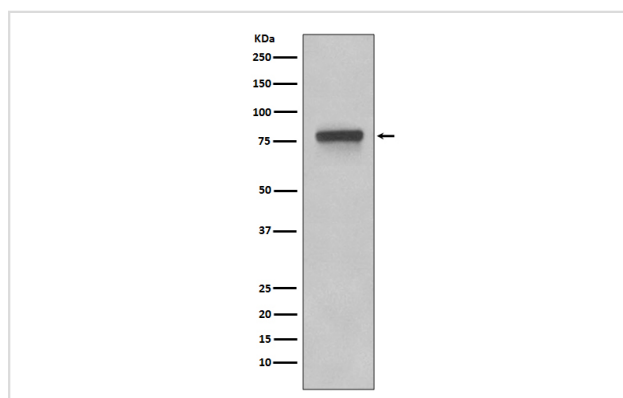
## Description

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| Product Name          | 5T4 Rabbit mAb                                                                                     |
| Host Species          | Rabbit                                                                                             |
| Clonality             | Monoclonal                                                                                         |
| Isotype               | Rabbit IgG                                                                                         |
| Purification          | Affinity-chromatography                                                                            |
| Applications          | WB IHC                                                                                             |
| Species Reactivity    | Human                                                                                              |
| Specificity           | 5T4 Antibody detects endogenous levels of 5T4                                                      |
| Immunogen Description | A synthesized peptide derived from human 5T4                                                       |
| Other Names           | TPBG; 5T4; 5T4-AG; 5T4AG; 5T4 oncofetal antigen; M6P1; Trophoblast glycoprotein;                   |
| Accession No.         | Uniprot:Q13641                                                                                     |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                     |

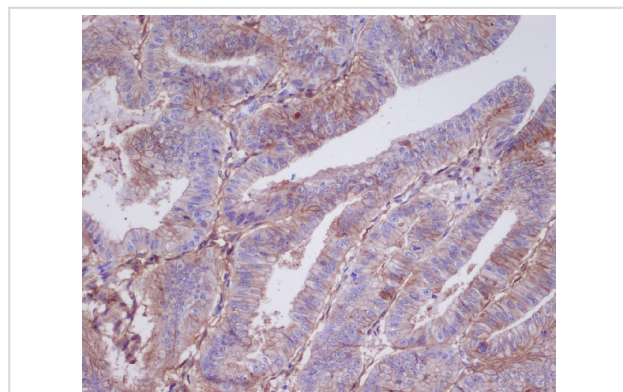
## Application Details

WB 1:500~1:1000 IHC 1:50~1:200

## Images



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



Immunohistochemical analysis of paraffin-embedded human uterine cancer, using 5T4 Antibody.

## Background

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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 $\alpha$ 2C60.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.