

Recombinant 5T4 Monoclonal Antibody

catalog number: **AN301765L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

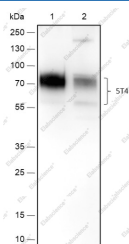
Reactivity	Human
Immunogen	Recombinant human 5T4 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321387
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	1:1000-1:2000
IP	1:50-1:100

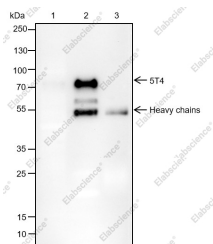
Data



Western Blot with 5T4 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF-7, Lane 2: JAR

Observed-MW: 70-80/85 kDa

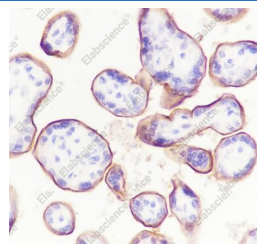
Calculated-MW: 46 kDa



Immunoprecipitation analysis using anti-5T4 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using 5T4 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: 5T4 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW: 70-80/85 kDa

Calculated-MW: 46 kDa



Immunohistochemistry of paraffin-embedded Human placenta using 5T4 Monoclonal Antibody at dilution of 1:2000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

For Research Use Only

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Rev. V1.3

Background

Trophoblast glycoprotein (encoded by 5T4) is a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. This protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers.

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