A Reliable Research Partner in Life Science and Medicine

# **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

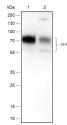
HostRabbitIsotypeIgG,  $\kappa$ CloneA473

Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

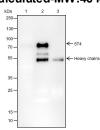
# Applications Recommended Dilution WB 1:500-1:1000 IHC 1:1000-1:2000 IP 1:50-1:100

## 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.

Rev. V1.1

# **Preparation & Storage**

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

Shipping Ice bag

# **Background**

# For Research Use Only

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# **Elabscience Bionovation Inc.**

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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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