

For Research Use Only

Biotin-conjugated TMED1 Recombinant monoclonal antibody

Catalog Number: Biotin-87837



Basic Information

Catalog Number:

Biotin-87837

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5903

GenBank Accession Number:

NM_006858

GeneID (NCBI):

11018

UNIPROT ID:

Q13445

Full Name:

transmembrane emp24 protein
transport domain containing 1

Calculated MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

253497F4

Recommended Dilutions:

IHC: 1:50-1:500

Applications

Tested Applications:

IHC

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

IHC : Human lung cancer (Adenocarcinoma) ,

Background Information

Transmembrane p24 trafficking protein 1 (TMED1) belongs to the TMED protein family, also known as the p24 family, and plays a part in protein vesicular trafficking. As the critical regulator of protein trafficking along the secretory pathway, the TMED proteins influence the composition, structure, and function of the endoplasmic reticulum and the Golgi apparatus. Disruption of the secretory pathway could affect cell differentiation and survival, ultimately resulting in disease.(PMID: 38392302)

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

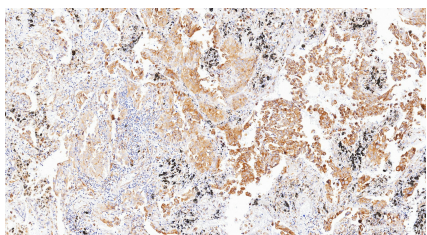
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human lung cancer (Adenocarcinoma) slide using Biotin-87837 (TMED1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).