

TOMM20 (PT0287R) PT® Rabbit mAb

CatalogNo: YM8164 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB, IHC, IF, IP, ELISA

MW

- 16kD (Calculated)
16kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:100-1:500

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal

Clone Number PT0287R

Immunogen Information

Specificity Endogenous

Target Information

Gene name TOMM20

Protein Name Mitochondrial import receptor subunit TOM20 homolog

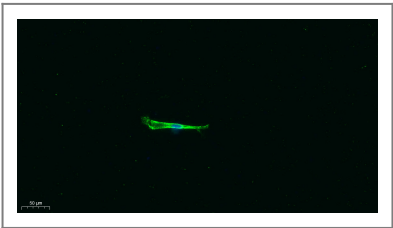
Organism	Gene ID	UniProt ID
Human	9804;	Q15388;
Mouse	67952;	Q9DCC8;
Rat	266601;	Q62760;

Cellular Localization Membranous

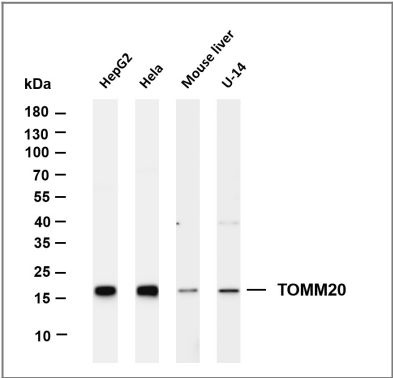
Tissue specificity Bone marrow,Brain,Cervix,Epithelium,Eye,Fibroblast,Pancreas

Function Function:Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with tom22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the tom40 translocation pore.,similarity:Belongs to the Tom20 family.,subunit:Forms part of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex) which consists of at least 7 different proteins (TOMM5, TOMM6, TOMM7, TOMM20, TOMM22, TOMM40 and TOMM70). Interacts with TOM22.,

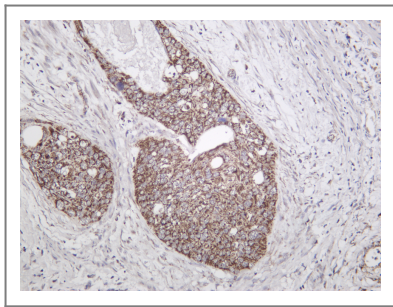
Validation Data



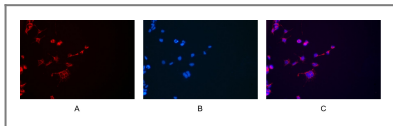
Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, DAPI(blue) 10min.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TOMM20 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: Hela Lane 3: Mouse liver Lane 4: U-14 Predicted band size: 16kDa Observed band size: 16kDa



Human cervical carcinoma was stained with Anti-TOMM20 rabbit antibody



Immunofluorescence analysis of HEK293. Picture A: TOMM20 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

Contact information

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PT® Rabbit mAb

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