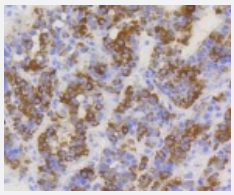
RecomAb™ Sm Size

TOMM20 recombinant monoclonal antibody

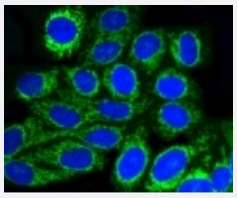
Catalog # RAB09318 Size 50 uL

Applications



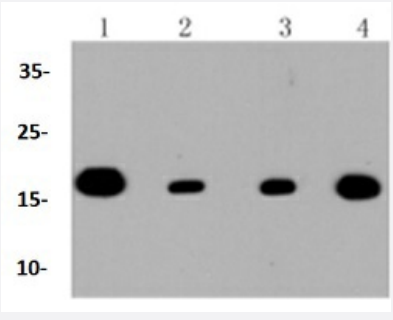
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using TOMM20 recombinant monoclonal antibody (Cat # RAB09318). Counter stained with hematoxylin.



Immunocytochemistry

Immunocytochemical staining of HepG2 cells using TOMM20 recombinant monoclonal antibody (Cat # RAB09318)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.



Western Blot (Cell lysate)

Western blot analysis of Lane1:Hela whole cell lysate Lane2:MCF7 whole cell lysate Lane3:F9 whole cell lysate Lane4:PC12 whole cell lysate with TOMM20 recombinant monoclonal antibody (Cat # RAB09318) at 1:1000 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TOMM20.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant fusion protein containing a sequence corresponding to amino acids 20-145 of human TOMM20 (NP_055580.1).
Theoretical MW (kDa)	16
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of TOM20 protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:20-1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS , pH7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using TOMM20 recombinant monoclonal antibody (Cat # RAB09318). Counter stained with hematoxylin.

- Immunocytochemistry

  Immunocytochemical staining of HepG2 cells using TOMM20 recombinant monoclonal antibody (Cat # RAB09318)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

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- Western Blot (Cell lysate)

  Western blot analysis of Lane1:Hela whole cell lysate Lane2:MCF7 whole cell lysate Lane3:F9 whole cell lysate Lane4:PC12 whole cell lysate with TOMM20 recombinant monoclonal antibody (Cat # RAB09318) at 1:1000 dilution.

Gene Info — TOMM20

Entrez GeneID	9804
Protein Accession#	Q15388
Gene Name	TOMM20
Gene Alias	KIAA0016, MAS20, MGC117367, MOM19, TOM20
Gene Description	translocase of outer mitochondrial membrane 20 homolog (yeast)
Omim ID	601848
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000037593|translocase of outer mitochondrial membrane 20 homolog|translocase of outer mitochondrial membrane 20 homolog type II

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