

For Research Use Only

# TOMM40 Monoclonal antibody

Catalog Number: 66658-1-Ig

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

66658-1-Ig

**Size:**

150ul, Concentration: 1000 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG13065

**GenBank Accession Number:**

BC017224

**GeneID (NCBI):**

10452

**UNIPROT ID:**

O96008

**Full Name:**

translocase of outer mitochondrial membrane 40 homolog (yeast)

**Calculated MW:**

38 kDa

**Observed MW:**

38 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

5E2C5

**Recommended Dilutions:**

WB 1:5000-1:50000

IF 1:50-1:500

## Applications

**Tested Applications:**

WB, IF, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

Human, Mouse, Rat, Pig

**Cited Species:**

human, rat, mouse

**Positive Controls:**

**WB:** LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, human brain tissue, pig brain tissue, Jurkat cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, RAW264.7 cells, K-562 cells, rat brain tissue, mouse brain tissue

**IF:** HepG2 cells, HeLa cells

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuan Su	30431067	Int J Mol Med	WB, IHC
Lilian Phu	32142684	Mol Cell	WB
Yi Zhu	31993850	Apoptosis	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

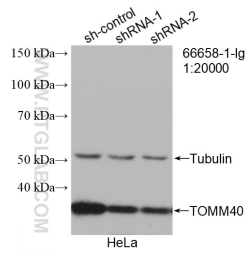
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

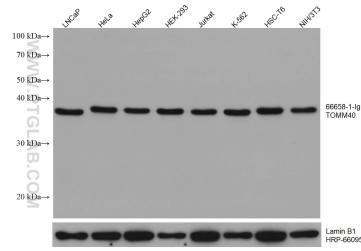
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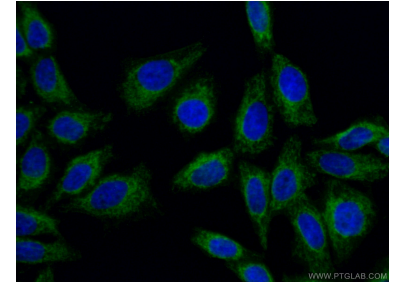
## Selected Validation Data



WB result of TOMM40 antibody (66658-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TOMM40 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66658-1-Ig (TOMM40 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66658-1-Ig (TOMM40 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).