

# ABflo® 647 Conjugated TOM20 Rabbit mAb

Catalog No.: A26784 **Recombinant**

## Basic Information

### Observed MW

16kDa

### Calculated MW

16kDa

### Category

Primary antibody

### Applications

WB,IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC5002-01-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

**WB** 1:5000 - 1:20000

**IF/ICC** 1:200 - 1:1000

## Background

Enables protein-transporting ATPase activity and unfolded protein binding activity. Involved in protein targeting to mitochondrion. Located in mitochondria-associated endoplasmic reticulum membrane and mitochondrial outer membrane.

## Immunogen Information

### Gene ID

9804

### Swiss Prot

Q15388

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-145 of human TOM20 (NP\_055580.1).

### Synonyms

MAS20; MOM19; TOM20

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

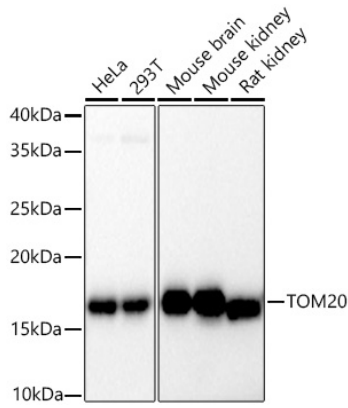
Affinity purification

### Storage

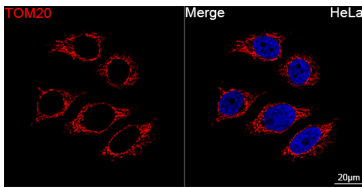
Store at -20°C. Avoid freeze.

Buffer:PBS with 0.03% proclin300,0.2% BSA,50% glycerol,pH7.3.

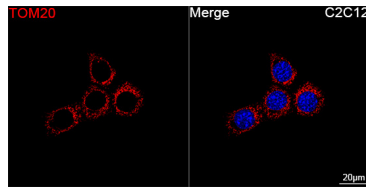
## Validation Data



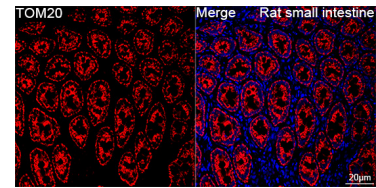
Western blot analysis of various lysates using ABflo® 647 Conjugated TOM20 Rabbit mAb (A26784) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Confocal imaging of HeLa cells using ABflo® 647 Conjugated TOM20 Rabbit mAb (A26784, dilution 1:1000). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of C2C12 cells using ABflo® 647 Conjugated TOM20 Rabbit mAb (A26784, dilution 1:1000). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of paraffin-embedded Rat small intestine tissue using ABflo® 647 Conjugated TOM20 Rabbit mAb (A26784, dilution 1:1000). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.