

ABflo® 647 Conjugated TOM20 Rabbit mAb

Catalog NO.: A26784 **Recombinant** **1 Publications**

Basic Information

Observed MW

16kDa

Calculated MW

16kDa

Category

Monoclonal Antibodies

Applications

WB, IF/ICC, IF-P

Cross-Reactivity

Human, Mouse, Rat

Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

Clone number

ARC5002-01-ABflo647

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.

Recommended Dilutions

WB	1:5000 - 1:20000
IF/ICC	1:200 - 1:1000
IF-P	1:200 - 1:1000

Immunogen Information

Gene ID	Swiss Prot
9804	Q15388

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

MAS20; MOM19; TOM20

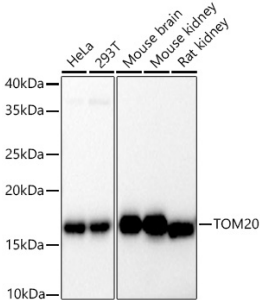
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze.		
Buffer: PBS with 0.09% sodium azide,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.

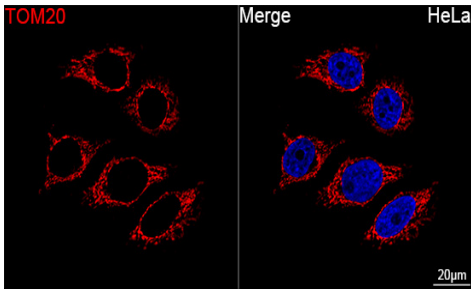
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

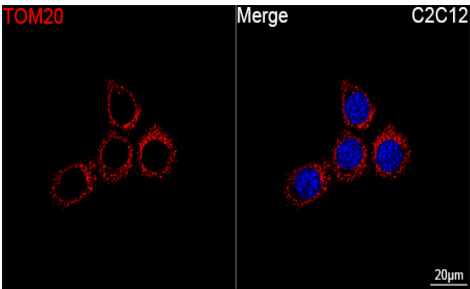
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

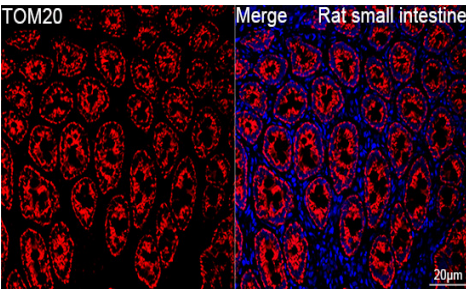
Exposure time: 30s.



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.

