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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,IF-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC5002-01-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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

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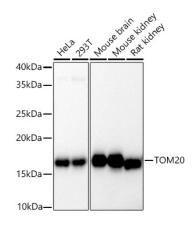
Product Information

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.



Western blot analysis of various lysates using ABflo® 647 Conjugated TOM20 Rabbit mAb (A26784) at 1:5000 dilution incubated overnight at 4° C.

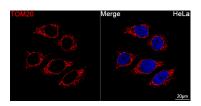
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

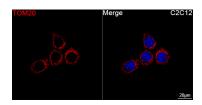
Lysates/proteins: 25 µg per lane.

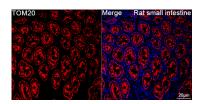
Blocking buffer: 3% nonfat dry milk in TBST.

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.