

Product Datasheet

TOMM40 Antibody (N-Term) (orb1925512)

Catalog Number	orb1925512
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	TOMM40
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This TOMM40 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 22-56 amino acids from human TOMM40.
UniProt ID	O96008
MW	37893 Da
Tested applications	FC, IF, WB
Dilution range	IF - 1:25, WB - 1:2000, FC - 1:25
Clone Number	BTD78122

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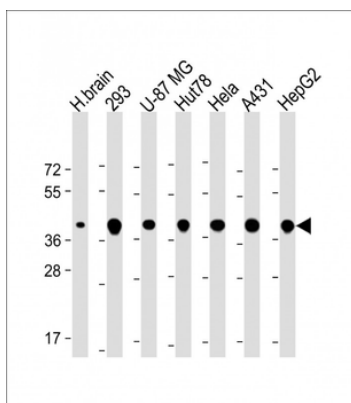
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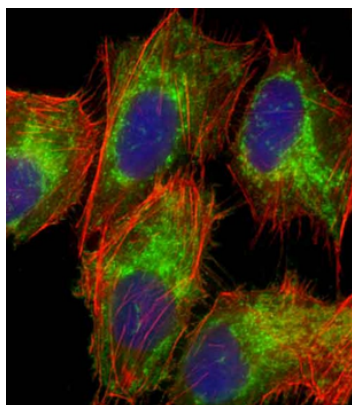
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

Note For research use only

Expiration Date 12 months from date of receipt.



All lanes: Anti-TOMM40 Antibody (N-Term) at 1:2000 dilution. Lane 1: Human brain lysate. Lane 2: 293 whole cell lysate. Lane 3: U-87 MG whole cell lysate. Lane 4: Hut78 whole cell lysate. Lane 5: HeLa whole cell lysate. Lane 6: A431 whole cell lysate. Lane 7: HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 38 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling TOMM40 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing mitochondrion staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

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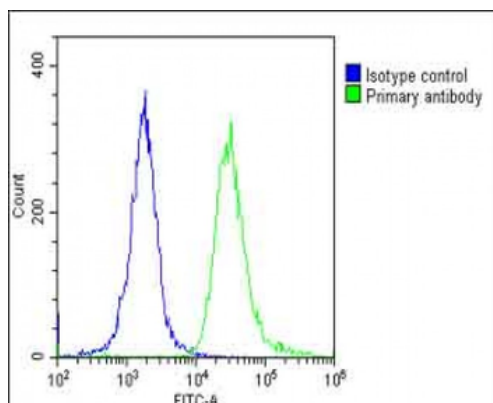
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Overlay histogram showing HeLa cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed (1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.

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