

Anti-TOMM20 Antibody

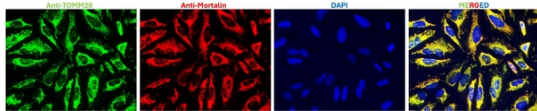


Product Details

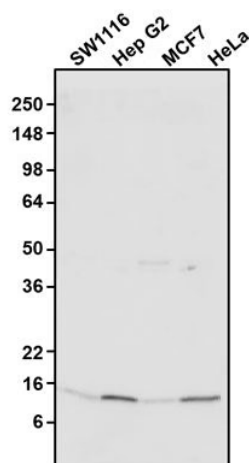
Available Variants	500 µL (SKU:TOMM20-0100) 100 µL (SKU:TOMM20-0020)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	TOMM20
Host Species	Chicken
Concentration	200 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification.
Applications	ICC, IHC, WB
Dilution Ranges	WB Brain: 1:500-1:1000 ICC: 1:50-1:200
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing the full cytoplasmic domain of human TOMM20
Specificity	No cross-reactivity reported
Molecular Weight	16 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.

Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_3665364
UniProt ID	<u>Q15388</u>
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



HeLa cells were subjected to immunofluorescent staining using chicken anti-TOMM20 antibody (visualized in green) and Antibodies Inc mouse anti-Mortalin antibody (75-127) (visualized in red). DAPI nuclear stain (blue) shows cell nuclei. The cells were mounted with ICT's Fluoroshield with DAPI mounting medium (AR-6501). The staining revealed a complete overlap between the signal from the chicken anti-TOMM20 antibody and the mouse anti-Mortalin antibody specifically in the cell mitochondria.



Western blotting of various cell lysates with chicken anti-TOMM20 antibody (0.2 µg/ml)(1:1000) and detected with anti-chicken HRP. Chicken anti-TOMM20 recognizes endogenous TOMM20 in all the cell lysates at ~16 kDa.



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