

## Rabbit TOM20 Monoclonal Antibody | anti-TOM20 antibody

Anti-TOM20 Antibody

| CATALOG # | HOST   | REACTIVITY     | APPLICATIONS                                           |
|-----------|--------|----------------|--------------------------------------------------------|
| AAA265688 | Rabbit | Human, Hamster | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

TOM20; Monoclonal Antibody; Anti-TOM20 Antibody; anti-TOM20 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Hamster                                                                                                 |
| Clonality                                       | Monoclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of TOM20 protein.                                                                 |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                     | Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.               |
| Applicable Applications for anti-TOM20 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                         |
| Immunogen                                       | Recombinant protein of human TOMM20                                                                            |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



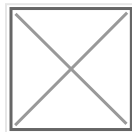
#### IF (Immunofluorescence)

Immunofluorescent analysis of TOM20 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of TOM20 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.17). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of TOM20 expression in HeLa (A), CHOK1 (B) whole cell lysates.  
(Predicted band size: 16 kD; Observed band size: 16 kD)

### ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-TOM20 antibody | Rabbit monoclonal antibody to TOM20 |
|-----------------------------------------------------|-------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 7657257                                                                                                                                                                                                       |
| NCBI GeneID                      | 9804                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_055580.1                                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_014765.2                                                                                                                                                                                                   |
| UniProt Accession #              | Q15388; Q498B3; Q6IBT4; A8K195; AAB35420                                                                                                                                                                      |
| Molecular Weight                 | 16,298 Da                                                                                                                                                                                                     |
| NCBI Official Full Name          | mitochondrial import receptor subunit TOM20 homolog                                                                                                                                                           |
| NCBI Official Synonym Full Names | translocase of outer mitochondrial membrane 20 homolog (yeast)                                                                                                                                                |
| NCBI Official Symbol             | TOMM20                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | MAS20; MOM19; TOM20                                                                                                                                                                                           |
| NCBI Protein Information         | mitochondrial import receptor subunit TOM20 homolog; mitochondrial 20 kDa outer membrane protein; outer mitochondrial membrane receptor Tom20; translocase of outer mitochondrial membrane 20 homolog type II |
| UniProt Protein Name             | Mitochondrial import receptor subunit TOM20 homolog                                                                                                                                                           |
| UniProt Gene Name                | <b>TOMM20</b>                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | KIAA0016                                                                                                                                                                                                      |
| UniProt Entry Name               | TOM20_HUMAN                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tom20-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265688>