

## Datasheet for ABIN7647459 **anti-TOM70 antibody**

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### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | TOM70 (TOMM70A)   |
| Reactivity:  | Human   |
| Host:        | Mouse   |
| Clonality:   | Monoclonal  |
| Conjugate:   | This TOM70 antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|               |   |
|---------------|---|
| Purpose:      | Monoclonal Antibody to Translocase Of Outer Mitochondrial Membrane 70A (TOMM70A)  |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against TOMM70A. It has been selected for its ability to recognize TOMM70A in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | TOM70 (TOMM70A)   |
| Alternative Name: | TOMM70A ( <a href="#">TOMM70A Products</a> )  |
| Background:       | TOM70A, Mitochondrial precursor proteins import receptor, Mitochondrial import receptor subunit TOM70, Translocase of outer membrane 70 kDa subunit |
| UniProt:          | <a href="#">O94826</a>  |

## Target Details

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200<br>Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 mg/mL   |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.   |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:           | 4 °C, -20 °C  |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |