

## Anti-TOMM22 Antibody (6B293)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6B293
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in: 293 whole cell lysate, Hela whole cell lysate, L02 whole cell lysate, HepF2 whole cell lysate, Raji whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate</li><li>-All lanes: TOMM22 antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 16 kDa</li></ul> <p>2. IHC image of TMAH-01196 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human TOMM22
Antigen Species:	Human
Gene ID:	56993
Uniprot ID:	Q9NS69
Synonyms:	Translocase of outer membrane 22 kDa subunit homolog;1C9-2;hTom22;TOM22;Mitochondrial import receptor subunit TOM22 homolog;TOMM 22
Biology Area:	Other

### Research Background

Central receptor component of the translocase of the outer membrane of mitochondria (TOM complex) responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with the

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peripheral receptor TOM20 functions as the transit peptide receptor and facilitates the movement of preproteins into the translocation pore. Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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