

Anti-TOMM22 Antibody (9E943)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 16 kDa. Actual: 20 kDa.
Clone:	9E943
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 25 ug total protein per lane of various lysates (see on figure) probed with TOMM22 monoclonal antibody, unconjugated (TMAB-13666) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. The HepG2 (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-TOMM22 antibody (TMAB-13666, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>3. 4% Paraformaldehyde-fixed HepG2 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (TOMM22) monoclonal Antibody, unconjugated (TMAB-13666) 1: 100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Rabbit IgG antibody (green, BF488) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p>
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF,IP,FCM
Recommended	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500,IP=1:20-50, Flow-Cyt=1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human TOM22
Antigen Species:	Human
Gene ID:	56993
Uniprot ID:	Q9NS69

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 peripheral receptor TOM20 functions as the transit peptide receptor and facilitates the movement of preproteins into

A DRUG SCREENING EXPERT

the translocation pore. Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481