

## **PRODUCT INFORMATION**

Clone ID DMC223 TREM2 **Target** 

**Synonyms** PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c

**Host Species** Rabbit

Anti-TREM2 antibody(DMC223); IgG1 Chimeric Description mAb

**Delivery** In Stock **Uniprot ID** Q9NZC2

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human

**Applications** ELISA; Flow Cyt

Recommended

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

témperature.

This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive

**Background** inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous

osteodysplasiá with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding

different isoforms.

Usage Research use only

Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

> > Email: info@dimabio.com Website: www.dimabio.com

patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are **DIMA Disclaimer** 

actively scrutinizing all patent application to

ensure no IP infringement.





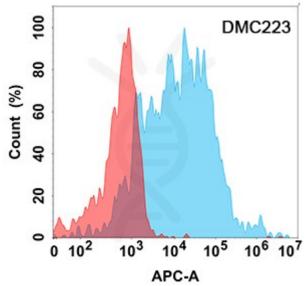


Figure 1. Flow cytometry analysis with Anti-TREM2 (DMC223) on Expi293 cells transfected with human TREM2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

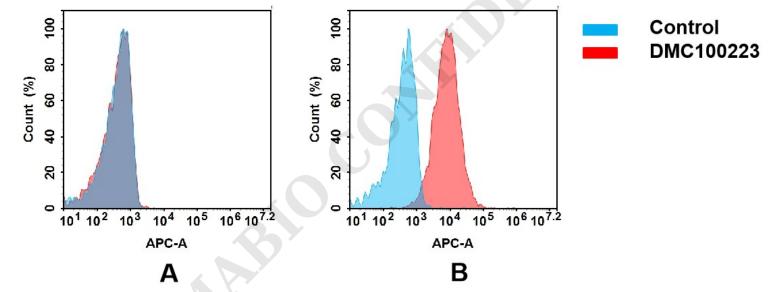
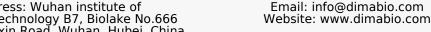


Figure 2. Flow cytometry analysis of antigen binding of anti-human TREM2 mAb(DMC100223). (A) DMC100223 does not bind to CHO-S cells that do not express TREM2. (B) A clear peak shift of DMC100223 was seen compared to the control when incubated with TREM2-expressing THP-1 cells, indicating strong binding of DMC100223 to TREM2. Antibodies were incubated at 5  $\mu$ g/mL.



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