

## Anti-TREM-1 Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat
Molecular Weight:	Theoretical: 23 kDa. Actual: 25 kDa.
Purification:	Protein A purified

### Applications

1. Sample:  
 kidney (Mouse) Lysate at 40 µg  
 Primary: Anti-TREM1 (TMAB-01892) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 23 kDa  
 Observed band size: 25 kDa

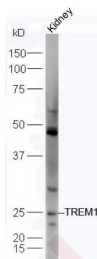
2. Sample:  
 Liver (Rat) Lysate at 40 µg  
 Primary: Anti-TREM1 (TMAB-01892) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 23 kDa  
 Observed band size: 25 kDa

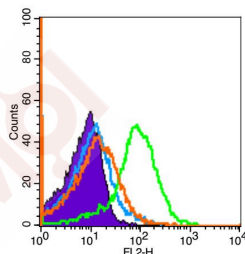
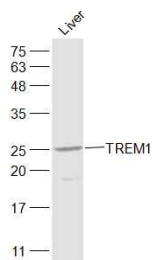
Verified Activity:

3. Blank control (black line): Mouse spleen (Black).  
 Primary Antibody (green line): Rabbit Anti-TREM1 antibody (TMAB-01892)  
 Dilution: 1 µg/10<sup>6</sup> cells;  
 Isotype Control Antibody (orange line): Rabbit IgG.  
 Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE  
 Dilution: 1 µg/test.

#### Protocol

The cells were fixed with 4% paraformaldehyde for 10 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature The secondary antibody used for 40 min at room temperature. Acquisition of 10,000 events was performed.





Application: FCM, WB

Recommended WB: 1:500-2000; FCM: 1ug/Test

## 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: KLH conjugated synthetic peptide: mouse TREM1

Antigen Species: Mouse

Gene ID: 58217

Uniprot ID: Q9JKE2

Synonyms: triggering receptor expressed on myeloid cells 1

Biology Area: Macrophage / Inflamm.

## Research Background

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011].

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

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