



## Rabbit Anti-TREM1 antibody

SL4886R

<b>Product Name:</b>	TREM1
<b>Chinese Name:</b>	髓系细胞触发受体1抗体
<b>Alias:</b>	CD354; OTTMUSP00000018206; TREM 1; TREM-1; TREM1; TREM1_MOUSE; Triggering receptor expressed on monocytes 1; Triggering receptor expressed on myeloid cells 1; Triggering receptor TREM 1; Triggering receptor TREM1; Triggering-receptor TREM 1; Triggering-receptor TREM-1; Triggering-receptor TREM1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000Flow-Cyt=1ug/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	23kDa
<b>Cellular localization:</b>	The cell membraneSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from mouse TREM1:65-150/230<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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].

**Function:**

Stimulates neutrophil and monocyte-mediated inflammatory responses. Triggers release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Amplifier of inflammatory responses that are triggered by bacterial and fungal infections and is a crucial mediator of septic shock (By similarity).

**Subunit:**

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**Subcellular Location:**

Secreted and Cell membrane.

**Similarity:**

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**SWISS:**

Q9JKE2

**Gene ID:**

58217

**Database links:**

[Entrez Gene: 54210](#)Human

[Entrez Gene: 58217](#)Mouse

[Entrez Gene: 301229](#)Rat

[Omir: 605085](#)Human

[SwissProt: Q9NP99](#)Human

[SwissProt: Q9JKE2](#)Mouse

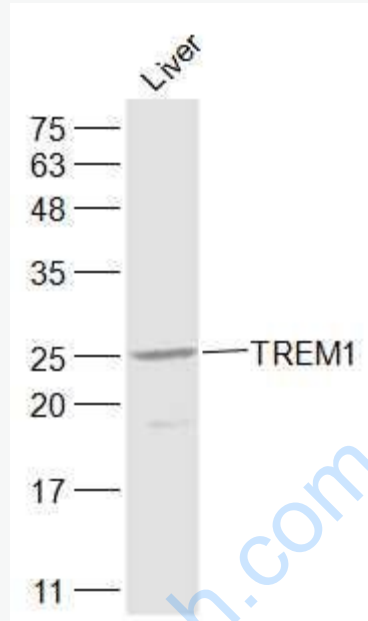
[Unigene: 283022](#)Human

[Unigene: 248352](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

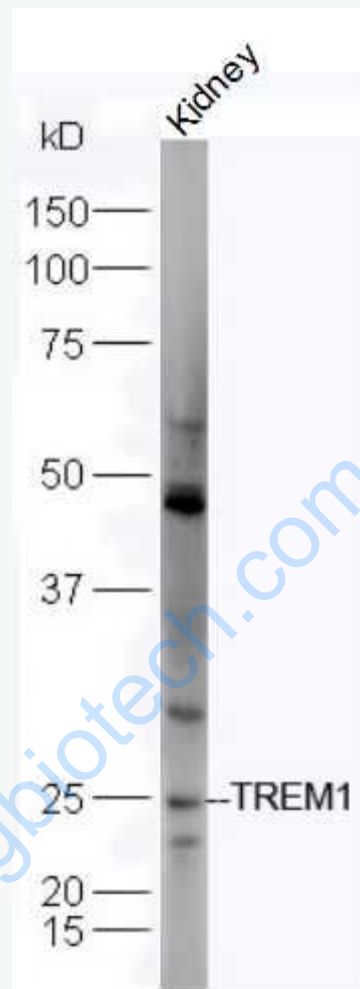
Liver (Rat) Lysate at 40 ug

Primary: Anti-TREM1 (SL4886R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 23 kD

Observed band size: 25 kD



Sample:

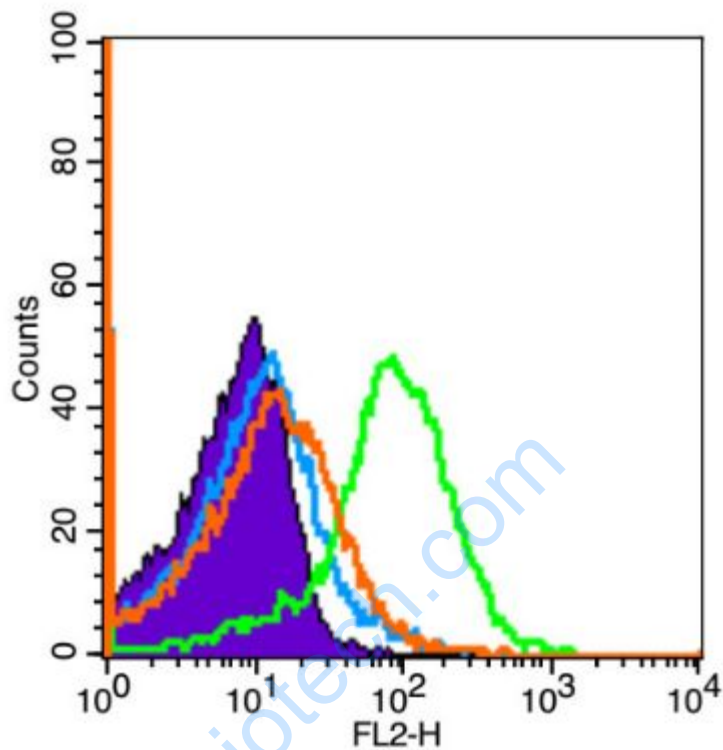
kidney (Mouse) Lysate at 40 ug

Primary: Anti-TREM1 (SL4886R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 23 kD

Observed band size: 25 kD



Blank control (black line): Mouse spleen(Black).

Primary Antibody (green line): Rabbit Anti-TREM1 antibody (SL4886R)

Dilution:  $1\mu\text{g} / 10^6$  cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE

Dilution:  $1\mu\text{g} / \text{test}$ .

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.
--	--

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)