

#### Goat Anti-Trem2 (mouse) Antibody

Peptide-affinity purified goat antibody Catalog # AF2174a

## **Specification**

# Goat Anti-Trem2 (mouse) Antibody - Product Information

Application WB

Primary Accession Q99NH8.1

Other Accession <u>NP\_112544</u>, <u>83433 (mouse)</u>, <u>301227 (rat)</u>

Reactivity
Predicted
Host
Clonality
Concentration

Mouse
Rat
Goat
Goat
Polyclonal
0.5 mg/ml

Isotype IgG

## Goat Anti-Trem2 (mouse) Antibody - Additional Information

#### **Other Names**

Trem2 antibody, triggering receptor expressed on myeloid cells 2 antibody, Trem2a antibody, Trem2b antibody, Trem2c antibody, triggering receptor expressed on myeloid cells 2a antibody, triggering receptor expressed on myeloid cells 2b antibody, triggering receptor expressed on myeloid cells 2c antibody

#### **Format**

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

Goat Anti-Trem2 (mouse) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Goat Anti-Trem2 (mouse) Antibody - Protein Information

## Goat Anti-Trem2 (mouse) Antibody - Protocols

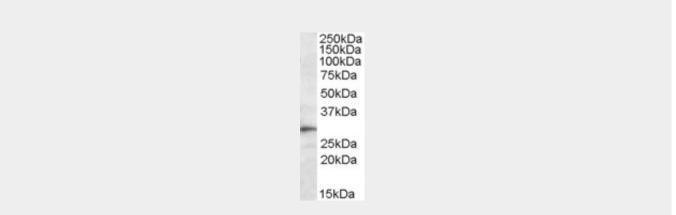
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry



- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Goat Anti-Trem2 (mouse) Antibody - Images



AF2174a (0.3  $\mu$ g/ml) staining of Mouse Liver lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### Goat Anti-Trem2 (mouse) Antibody - References

TREM2- and DAP12-dependent activation of PI3K requires DAP10 and is inhibited by SHIP1. Peng Q, et al. Sci Signal, 2010 May 18. PMID 20484116. DAP12 is required for macrophage recruitment to the lung in response to cigarette smoke and chemotaxis toward CCL2. Koth LL, et al. J Immunol, 2010 Jun 1. PMID 20421649. The linker for activation of B cells (LAB)/non-T cell activation linker (NTAL) regulates triggering receptor expressed on myeloid cells (TREM)-2 signaling and macrophage inflammatory responses independently of the linker for activation of T cells. Whittaker GC, et al. J Biol Chem, 2010 Jan 29. PMID 19948717. Enhanced inhibitory effects of a novel CpG motif on osteoclast differentiation via TREM-2 down-regulation. Chang JH, et al. Biochem Biophys Res Commun, 2009 Nov 6. PMID 19698700. A role for TREM2 ligands in the phagocytosis of apoptotic neuronal cells by microglia. Hsieh CL, et al. J Neurochem, 2009 May. PMID 19302484.