

Goat Anti-Trem2 (mouse) Antibody
Peptide-affinity purified goat antibody
Catalog # AF2174a**Specification**

Goat Anti-Trem2 (mouse) Antibody - Product Information

Application	WB
Primary Accession	O99NH8.1
Other Accession	NP_112544 , 83433 (mouse) , 301227 (rat)
Reactivity	Mouse
Predicted	Rat
Host	Goat
Clonality	Polyclonal
Concentration	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 IgG/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 Cytometry](#)
- [Cell Culture](#)

Goat Anti-Trem2 (mouse) Antibody - Images



AF2174a (0.3 µg/ml) staining of Mouse Liver lysate (35 µg 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.