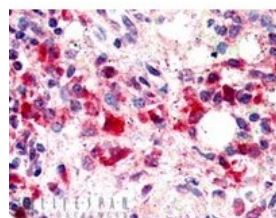




## TREM2 Antibody

CATALOG NUMBER: 46-513



Immunohistochemistry staining of TREM2  
in human spleen using TREM2 Antibody at  
2.5 ug/mL.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 80 kDa and 30 kDa in human cerebellum lysates after 1 ug/mL antibody staining. 4 kDa according to NP_061838.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). Immunohistochemistry: In paraffin embedded human spleen shows staining of macrophages. Recommended concentration, 2-3 ug/mL.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1306 - Human Spleen Tissue Lysate 2) Cat. No. 10-901 - Human Spleen Tissue Slide
<b>IMMUNOGEN:</b>	TREM2 antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of TREM2.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	TREM2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	TREM2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TREM2, triggering receptor expressed on myeloid cells 2, TREM-2, Trem2a, Trem2b, Trem2c, OTTHUMP00000039771, triggering receptor expressed on myeloid cells 2a
<b>ACCESSION NO.:</b>	NP_061838.1
<b>PROTEIN GI NO.:</b>	9507203

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<b>OFFICIAL SYMBOL:</b>	TREM2
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<b>GENE ID:</b>	54209
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### Background

**REFERENCES:** 1) Takahashi K, Prinz M, Stagi M, Chechneva O, Neumann H. TREM2-transduced myeloid precursors mediate nervous tissue debris clearance and facilitate recovery in an animal model of multiple sclerosis. PLoS Med. 2007 Apr;4(4):e124.

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**FOR RESEARCH USE ONLY**

December 13, 2016