

TREM2 Polyclonal Antibody

Catalog No: #29208

Package Size: #29208-1 50ul #29208-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

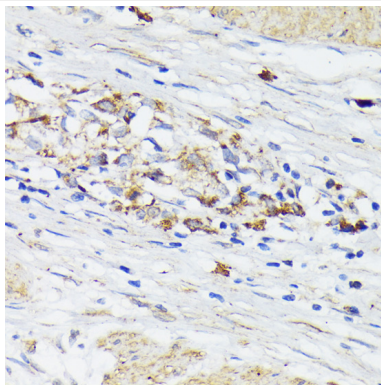
Description

Product Name	TREM2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human TREM2 (NP_061838.1).
Conjugates	Unconjugated
Other Names	TREM2;TREM-2;Trem2a;Trem2b;Trem2c
Accession No.	GeneID:54209Swiss Prot:Q9NZC2
Calculated MW	24kDa/25kDa
SDS-PAGE MW	25kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 104% glycerol.
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.57.

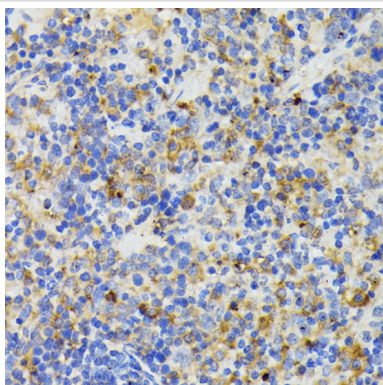
Application Details

WB□1:500 - 1:1000IHC□1:50 - 1:200IF□1:20 - 1:100

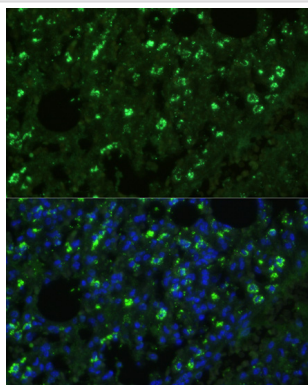
Images



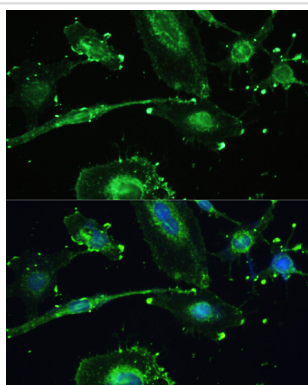
Immunohistochemistry of paraffin-embedded human gastric cancer using TREM2 antibody at dilution of 1:200 .



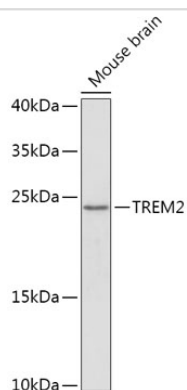
Immunohistochemistry of paraffin-embedded mouse spleen using TREM2 antibody at dilution of 1:200 .



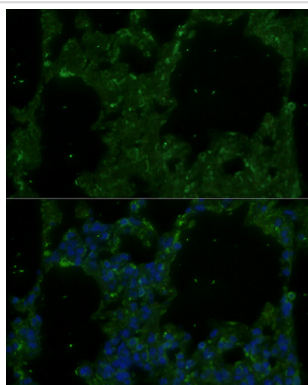
Immunofluorescence analysis of mouse lung cells using TREM2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



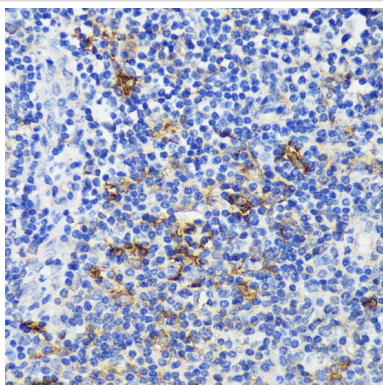
Immunofluorescence analysis of U-251MG cells using TREM2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



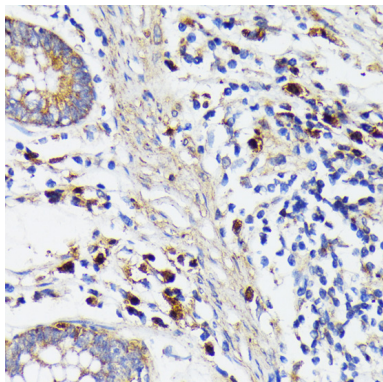
Western blot analysis of extracts of Mouse brain, using TREM2 antibody at 1:1000 dilution.



Immunofluorescence analysis of Rat lung using TREM2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded human tonsil using TREM2 antibody at dilution of 1:200 .



Immunohistochemistry of paraffin-embedded human colon carcinoma using TREM2 antibody at dilution of 1:200 .

Background

This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOS). Alternative splicing results in multiple transcript variants encoding different isoforms.

Published Papers

el at., Targeting microglial autophagic degradation of the NLRP3 inflammasome for identification of thionningianin A in Alzheimer's disease. In *Inflamm Regen*

on 2022 Aug 3 by Xiao-Gang Zhou, Wen-Qiao Qiu, et al.. PMID:35918778, , (2022)

[PMID:35918778](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.