

ARG64950
anti-TREM2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TREM2
Tested Reactivity	Ms
Predict Reactivity	Rat
Tested Application	ICC/IF, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TREM2
Species	Mouse
Immunogen	C-QVEHSTSRNQET
Conjugation	Un-conjugated
Alternate Names	Trem2a; Trem2b; TREM-2; Triggering receptor expressed on myeloid cells 2; Triggering receptor expressed on monocytes 2; Trem2c

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	WB	1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

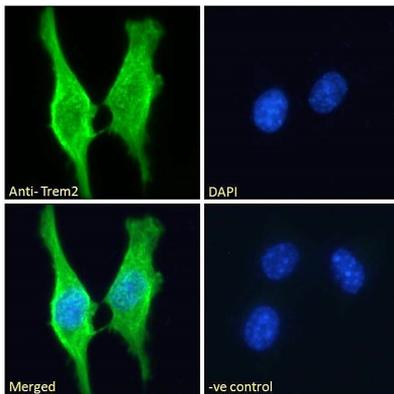
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 83433 Mouse Swiss-port # Q99NH8 Mouse
Gene Symbol	Trem2
Gene Full Name	triggering receptor expressed on myeloid cells 2
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. [provided by RefSeq, Nov 2012]
Function	May have a role in chronic inflammations and may stimulate production of constitutive rather than inflammatory chemokines and cytokines. Forms a receptor signaling complex with TYROBP and triggers activation of the immune responses in macrophages and dendritic cells. [UniProt]
Research Area	Immune System antibody
Calculated Mw	25 kDa

Images



ARG64950 anti-TREM2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed 3T3-L1 cells permeabilized with 0.15% Triton. Cells were stained with ARG64950 anti-TREM2 antibody (green) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 $\mu\text{g}/\text{ml}$ dilution.