

ARG54895 anti-TREM2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TREM2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TREM2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 22-50 (N-terminus) of Human TREM2.
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
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MDA-MB-435	

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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: 54209 Human Swiss-port # Q9NZC2 Human
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 (PLOSL). 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
Cellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein Isoform 3: Secreted.

Images

