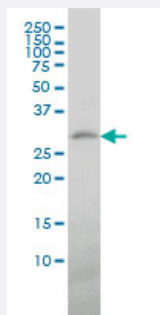


TREM1 monoclonal antibody (M04), clone 2E2

Catalog # H00054210-M04

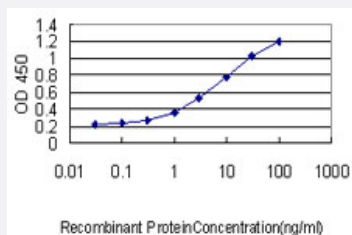
Size 100 ug

Applications



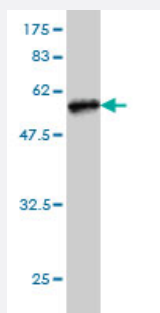
Western Blot (Cell lysate)

TREM1 monoclonal antibody (M04), clone 2E2 Western Blot analysis of TREM1 expression in HL-60 (Cat # L014V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TREM1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (49.28 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant TREM1.

Immunogen	TREM1 (AAH17773.1, 21 a.a. ~ 234 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ATKLTEEKYELKEGQTLQDKDYTLKFASSQKAWQIIRDGEMPKTLACTERPSKNSHPVQVGRIL LEDYHDHGLLRVRMVLQVEDSGLYQCVIYQPPKEPHMLFDRIQLVVTGFGSGTPGSNENSTQNV YKIPPTTTKALCPLYTSPRTVTQAPPKSTADVSTPDSEINLTNVTDIIRVPVFNVILLAGGFSLKSLVF SVLFAVTLRSFVP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (45); Rat (46)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.28 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TREM1 monoclonal antibody (M04), clone 2E2 Western Blot analysis of TREM1 expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TREM1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TREM1

Entrez GeneID	54210
GeneBank Accession#	BC017773
Protein Accession#	AAH17773.1
Gene Name	TREM1
Gene Alias	TREM-1
Gene Description	triggering receptor expressed on myeloid cells 1
Omim ID	605085
Gene Ontology	Hyperlink
Gene Summary	Monocyte/macrophage- and neutrophil-mediated inflammatory responses can be stimulated through a variety of receptors, including G protein-linked 7-transmembrane receptors (e.g., FPR1; MIM 136537), Fc receptors (see MIM 146790), CD14 (MIM 158120) and Toll-like receptors (e.g., TLR 4; MIM 603030), and cytokine receptors (e.g., IFNGR1; MIM 107470). Engagement of these receptors can also prime myeloid cells to respond to other stimuli. Myeloid cells express receptors belonging to the Ig superfamily, such as TREM1, or to the C-type lectin superfamily. Depending on their transmembrane and cytoplasmic sequence structure, these receptors have either activating (e.g., KIR2DS1; MIM 604952) or inhibitory functions (e.g., KIR2DL1; MIM 604936).[supplied by OMIM]
Other Designations	OTTHUMP00000016370 triggering-receptor TREM1

Disease

- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)

- [Premature Birth](#)
- [Sepsis](#)
- [Skin Diseases](#)