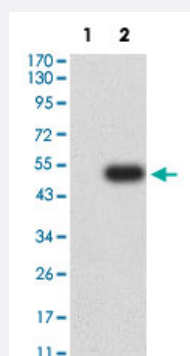


# TREM1 monoclonal antibody, clone 5F9F7

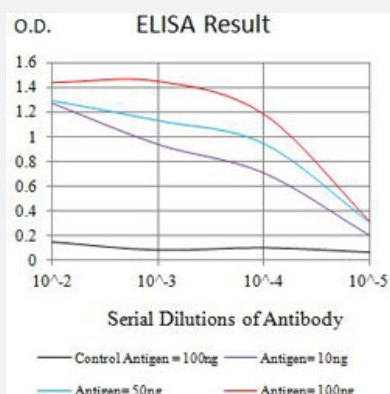
Catalog # MAB21360      Size 100 ug

## Applications



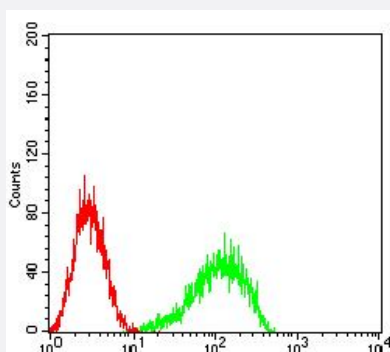
### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: TREM1-hlgGfc transfected HEK293 cell lysates with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360).



### Flow Cytometry

Flow cytometric analysis of HL-60 cells with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360) (Green). Red: Negative Control.

## Specification

|                      |                                                                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description  | Mouse monoclonal antibody raised against partial recombinant human TREM1.                                                                            |
| Immunogen            | Recombinant protein corresponding to amino acids 21-205 of human TREM1.                                                                              |
| Host                 | Mouse                                                                                                                                                |
| Theoretical MW (kDa) | 26.4                                                                                                                                                 |
| Reactivity           | Human                                                                                                                                                |
| Form                 | Liquid                                                                                                                                               |
| Isotype              | IgG2a                                                                                                                                                |
| Recommend Usage      | ELISA (1:10000)<br>Flow Cytometry (1:200-1:400)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer       | In PBS (0.05% sodium azide).                                                                                                                         |
| Storage Instruction  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                               |
| Note                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                               |

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: TREM1-hlgFc transfected HEK293 cell lysates with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360).

- Flow Cytometry

Flow cytometric analysis of HL-60 cells with TREM1 monoclonal antibody, clone 5F9F7 (Cat # MAB21360) (Green). Red: Negative Control.

## Gene Info — TREM1

Entrez GeneID [54210](#)

Protein Accession# [Q9NP99](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name          | TREM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias         | TREM-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description   | triggering receptor expressed on myeloid cells 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Omim ID            | <a href="#">605085</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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](#)