

TREM2 rabbit monoclonal antibody

Catalog # H00054209-K

Size 100 ug x up to 3

Specification

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|--------------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human TREM2 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human TREM2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human TREM2 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TREM2

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| Entrez GeneID | 54209 |
| GeneBank Accession# | TREM2 |
| Gene Name | TREM2 |
| Gene Alias | TREM-2, Trem2a, Trem2b, Trem2c |
| Gene Description | triggering receptor expressed on myeloid cells 2 |
| Omim ID | 221770 605086 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene is a membrane protein that forms a receptor signaling complex with TYROBP. The encoded protein 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). [provided by RefSeq] |
| Other Designations | OTTHUMP00000016368 OTTHUMP00000039771 triggering receptor expressed on monocytes 2 triggering receptor expressed on myeloid cells 2a |

Disease

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