For Research Use Only

TREM2 Recombinant antibody, PBS Only (Detector)

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Antibodies | ELISA kits | Proteins
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Catalog Number:83438-7-PBS

Basic Information

Catalog Number:
83438-7-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC032362

GeneID (NCBI):
54209

UNIPROT ID:
Q9NZC2

Full Name:
triggering receptor expressed on myeloid cells 2

Calculated MW:
222 aa, 25 kDa

Purification Method:
Protein A purification

CloneNo.:
240384F6

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

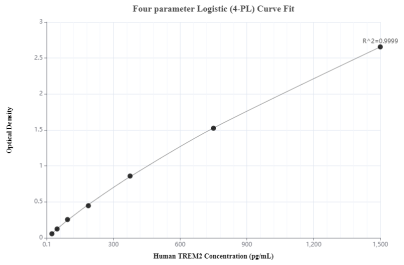
Species Specificity:
human

Background Information

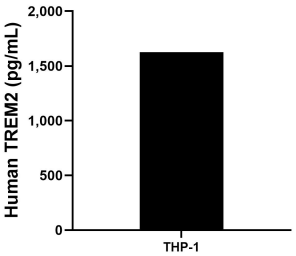
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

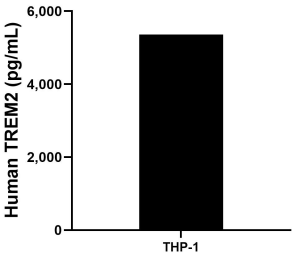
Selected Validation Data



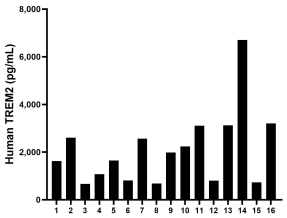
Sandwich ELISA standard curve of MP00440-4, Human TREM2 Monoclonal Matched Antibody Pair - PBS only. 83438-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0747. 83438-7-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL.



THP-1 cells (3 x 10^6 cells/mL) were cultured in RPMI with 10% fetal bovine serum, 50 μM β-mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μg/mL streptomycin sulfate. Aliquots of the cell culture supernatants were removed and assayed for levels of human TREM2 and measured 1,626.6 pg/mL.



The mean human TREM2 concentration was determined to be 5,362.2 pg/mL in THP-1 cell extract based on a 3.0 mg/mL extract load.



Serum of sixteen individual healthy human donors were measured. The human TREM2 concentration of detected samples was determined to be 2,096.2 pg/mL with a range of 661.9-6,705.0 pg/mL.