For Research Use Only

Mouse Trem2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88658-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
88658-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG10946

GenBank Accession Number:
NM_031254.4

GeneID (NCBI):
83433

UNIPROT ID:
Q99NH8-1

Full Name:
triggering receptor expressed on myeloid cells 2

Calculated MW:
25 kDa

Observed MW:
27 kDa, 30 kDa

Purification Method:
Protein A purification

CloneNo.:
261295D5

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Background Information

Trem2 (triggering receptor expressed on myeloid cells 2), a trigger receptor 2 expressed by myeloid cells, is an important immunoregulatory receptor, mainly expressed on the surface of myeloid cells such as macrophages and microglia, and plays a key role in maintaining immune homeostasis, regulating inflammation and the occurrence and development of various diseases. Trem2 is highly expressed in tumor-associated macrophages (TAMs), which plays a role in promoting tumor by inhibiting anti-tumor immunity and promoting tumor angiogenesis, thus becoming a potential target of tumor immunotherapy. The protein has glycosylation modification.

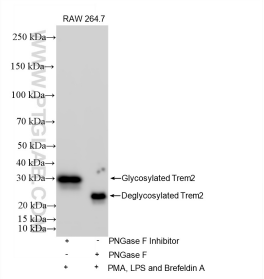
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

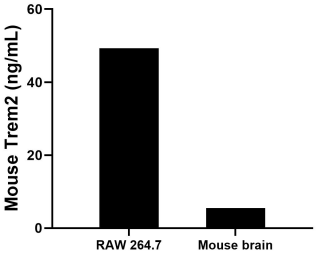
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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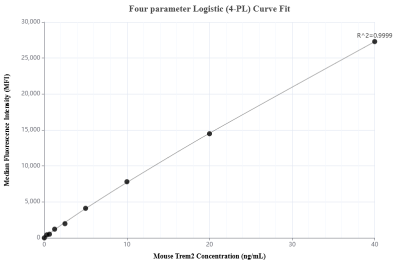
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88658-1-RR (Trem2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88658-1-PBS in a different storage buffer formulation.



The mean Trem2 concentration was determined to be 49.3 ng/mL in RAW 264.7 cell extract based on a 1.2 mg/mL extract load, 5.5 ng/mL in mouse brain tissue extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03622-1, MOUSE Trem2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88658-1-PBS. Detection antibody: 88658-2-PBS. Standard: Eg10946. Range: 0.312-40 ng/mL.