

**TREM2 Recombinant Rabbit mAb**

Catalog: BS49932

Host: Rabbit

Reactivity: Mouse

BackGround:

The protein encoded by this gene is part of the immunoglobulin and lectin-like superfamily and functions as part of the innate immune system. This gene forms part of a cluster of genes on mouse chromosome 17 thought to be involved in innate immunity. This protein associates with the adaptor protein Dap-12 and recruits several factors, such as kinases and phospholipase C-gamma, to form a receptor signaling complex that activates myeloid cells, including dendritic cells and microglia. In humans homozygous loss-of-function mutations in this gene cause Nasu-Hakola disease and mutations in this gene may be risk factors to the development of Alzheimer's disease. In mouse mutations of this gene serve as a pathophysiological model for polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (Nasu-Hakola disease) and for inflammatory bowel disease. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jan 2013]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl,

40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:**Swiss-Prot:**

Q99NH8

Purification&Purity:

Affinity Purification

Applications:

ICC/IF: 1:100
FC: 1:50

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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