Anti-Mouse TREM-2b (#5J46)

20150116ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**103-M280**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of the EC-domain of TREM-2b.

Target Background

Synonyms (Target):	Trem2; Trem2a; Trem2b; Trem2c

TREM2 is a single Ig domain receptor expressed by cells of myeloid lineage. Two closely related transcripts were reported in mouse and designated TREM2a and TREM2b. TREM2 is a pattern recognition receptor that binds anionic ligands. It associates with the adapter protein DAP12 to deliver an activating signal that plays a role in both innate and adaptive immune responses.

Database References Target

Protein RefSeq:	NP_112544
Uniprot ID:	Q99NH8
mRNA RefSeq:	NM_031254

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#5J46)
Isotype	IgG2
Purification	Protein A/G chromatography
Antigen	recombinant mouse extracellular domain of TREM-2b
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects mouse TREM-2b but not TREM-1 in Western blotting

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!