

Product datasheet for **DM3603P**

Trem2 (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 5J46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5J46
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse Recombinant TREM-2b extracellular domain
Specificity:	This antibody detects Mouse TREM-2b, but not TREM-1.
Formulation:	0.2 µm filtered solution in PBS State: Purified State: Lyophilized purified (0.2 µm filtered) IgG fraction from Culture Supernatant Stabilizer: None
Reconstitution Method:	Restore with 200 µl sterile PBS and the final concentration is 0.5 mg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	triggering receptor expressed on myeloid cells 2
Database Link:	Entrez Gene 83433 Mouse Q99NH8



[View online »](#)

Background: 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.

Synonyms: TREM-2b