

Product datasheet for **TA420128**

Trem1 Rat Monoclonal Antibody [Clone ID: L5-B8.2A12.3A12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	L5-B8.2A12.3A12
Applications:	FC, IF, IHC, WB
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse TREM-1 Fc fusion protein.
Specificity:	TREM-1
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: ALEXA FLUOR® 488, ALEXA FLUOR® 647, FITC, Low Endotoxin, Purified, RPE State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	triggering receptor expressed on myeloid cells 1
Database Link:	Q9JKE2
Background:	Rat anti Mouse Trem-1 antibody, clone L5-B8.2A12.3A12 recognizes mouse triggering receptor expressed on myeloid cells 1 (TREM-1), a 30kD member of the immunoglobulin superfamily expressed on neutrophils and a subset of monocytes. TREM-1 is involved in the microbial inflammatory response. It acts in conjunction with the adaptor protein DAP12 to activate neutrophils and monocytes, leading to the secretion of pro-inflammatory mediators and enhancement of the inflammatory response. Microbial infection also induces the release of soluble form of TREM-1 from monocytes, which is reported to act as an inhibitor of TREM-1. TREM-1 mediates the septic shock pathway, and blocking TREM-1 has been reported to reduce inflammation and increase survival in certain models of bacterial infection.
Synonyms:	TREM-1



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