

Datasheet for 600-401-FN3**TREM1 Antibody****Overview**

Description:	Anti-TREM1 (RABBIT) Antibody - 600-401-FN3
Item No.:	600-401-FN3
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	TREM1 (triggering receptor expressed on myeloid cells 1) is a receptor belonging to the Ig superfamily that amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. It is thought that TREM1 other related TREM proteins such as TREM2 act to modulate the inflammatory response. TREM1 has also been linked to inflammatory bowel disease resulting in enhanced production of TNF, IL-6, IL-8, and MCP-1.
Synonyms:	TREM1 Antibody, CD354, TREM-1, Triggering receptor expressed on myeloid cells 1, Triggering receptor expressed on monocytes 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TREM1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TREM1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid peptide near the N-terminus of human TREM1.

Purity/Specificity:	Anti-TREM1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TREM1 from other sources has not been determined.
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Relevant Links:	• UniProtKB - Q9NP99 • GeneID - 54210 • NCBI - NP_001229518.1
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Application Details

Tested Applications:	ELISA, WB
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Application Note:	Anti-TREM1 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 26 kDa in Western Blots of specific cell lysates and tissues.
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Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
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ELISA:	1:10,000 - 1:20,000
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WB:	1-2 µg/mL
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Formulation

Physical State:	Liquid (sterile filtered)
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Concentration:	1 mg/mL by UV absorbance at 280 nm
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Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
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Preservative:	0.02% (w/v) Sodium Azide
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Stabilizer:	None
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Shipping & Handling

Shipping Condition:	Wet Ice
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Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
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Expiration:	Expiration date is one (1) year from date of receipt.
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Disclaimer

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