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Datasheet for ABIN7505920 anti-TREM1 antibody

2 Images



## Overview

Quantity:	0.1 mg
Target:	TREM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TREM1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

## Product Details

Purpose:	Anti-Hu CD354 Purified
Immunogen:	recombinant human CD354 fused with IgG
Clone:	6B1
lsotype:	lgG1
Specificity:	The mouse monoclonal antibody 6B1 (also known as 6B1.1G12) recognizes an extracellular epitope of human CD354 (TREM-1), a transmembrane glycoprotein, serving as an important innate immunity receptor.
Purification:	Purified by protein-A affinity chromatography.
Target Details	

Target:

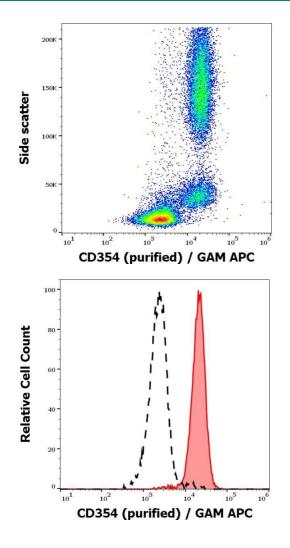
TREM1

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Target Details		
Alternative Name:	CD354 (TREM1 Products)	
Background:	Triggering receptor expressed on myeloid cells 1,CD354 (TREM-1), a cell surface glycoprotein	
	expressed mainly on monocytes, macrophages, and neutrophils, but also on e.g. endothelial	
	cells or bronchial epithelium, plays an important role in innate immune responses. Upon	
	triggering by its ligands (mainly bacterial and fungal components, but also some viruses, such	
	as Marburg or Ebola virus), it initiates signaling cascades leading to release of pro-	
	inflammatory cytokines and chemokines. CD354 is strongly present in infectious inflammatory	
	lesions (e.g. in folliculitis or impetigo), but not so much in non-infectious inflammatory lesions,	
	(e.g. vasculitis or psoriasis). However, under certain conditions neutrophils can upregulate	
	CD354 also under non-infectious inflammatory conditions, e.g. in rheumatoid arthritis. Soluble	
	CD354 (sTREM-1) is an important biomarker for identification of septic patients, as well as for	
	prediction of their survival.,TREM-1	
Gene ID:	54210	
UniProt:	Q9NP99	
Application Details		
Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.	
Restrictions:	For Research Use only	
Handling		
Concentration:	1 mg/mL	
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C	

Storage Comment: Store at 2-8°C. Do not freeze.

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### **Flow Cytometry**

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD354 (6B1) purified antibody (concentration in sample 1,67  $\mu$  g/mL, GAM APC).

#### **Flow Cytometry**

**Image 2.** Separation of human neutrophil granulocytes (redfilled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD354 (6B1) purified antibody (concentration in sample 1,67 µg/mL, GAM APC).

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