

For Research Use Only

# Anti-Human CD58 (TS2/9) Mouse IgG1 Recombinant Antibody



Catalog Number: 65517-1-MR

## Basic Information

<b>Catalog Number:</b> 65517-1-MR	<b>GenBank Accession Number:</b> BC005930	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/mL	<b>GeneID (NCBI):</b> 965	<b>CloneNo.:</b> TS2/9
<b>Source:</b> Mouse	<b>Full Name:</b> CD58 molecule	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 28 kDa	

## Applications

**Tested Applications:**  
FC  
**Species Specificity:**  
Human

## Background Information

CD58, also known as lymphocyte function-associated antigen 3 (LFA-3), is a heavily glycosylated protein of 55-70 kDa that is expressed on a broad range of hematopoietic and non-hematopoietic cells. CD58 is involved in immune recognition of tumor cells via binding of the CD2 receptor expressed on cytotoxic T cells.

## Storage

**Storage:**  
Store at 2-8°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

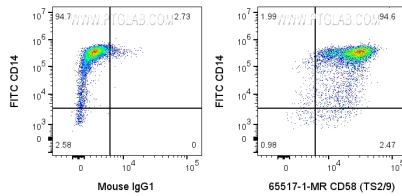
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

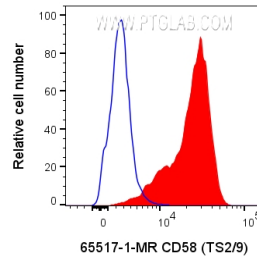
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.1 ug Anti-Human CD58 Mouse Recombinant Antibody (65517-1-MR, Clone:TS2/9) or Mouse IgG1 Isotype Control, and CoraLite®647-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were then stained with FITC-conjugated Anti-Human CD14. Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.



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