

For Research Use Only

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



Catalog Number: **65517-1-PBS**

## Basic Information

|                                       |  |  |
|---------------------------------------|--|--|
| <b>Catalog Number:</b><br>65517-1-PBS | <b>GenBank Accession Number:</b><br>BC005930 | <b>Purification Method:</b><br>Affinity purification |
| <b>Size:</b><br>1mg, 1 mg/ml          | <b>GeneID (NCBI):</b><br>965                 | <b>CloneNo.:</b><br>TS2/9                            |
| <b>Source:</b><br>Mouse               | <b>Full Name:</b><br>CD58 molecule           |  |
| <b>Isotype:</b><br>IgG1               | <b>Calculated MW:</b><br>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 -80°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS only

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

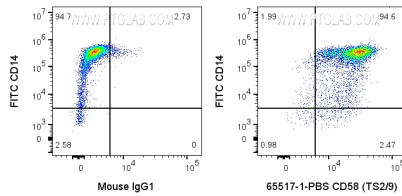
T: 4006900926

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

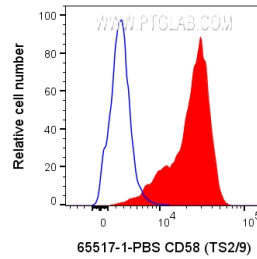
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.1 ug Anti-Human CD58 Mouse Recombinant Antibody (65517-1-PBS, 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.



1x10<sup>6</sup> human PBMCs were surface stained with 0.1 ug Anti-Human CD58 Mouse Recombinant Antibody (65517-1-PBS, 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 not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.