

For Research Use Only

# Anti-Mouse CD45 (30-F11)

Catalog Number: 65087-1-Ig



## Basic Information

<b>Catalog Number:</b> 65087-1-Ig	<b>GenBank Accession Number:</b> BC028512	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 19264	<b>CloneNo.:</b> 30-F11
<b>Source:</b> Rat	<b>UNIPROT ID:</b> P06800	
<b>Isotype:</b> IgG2b, kappa	<b>Full Name:</b> protein tyrosine phosphatase, receptor type, C	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## Background Information

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097).

## Storage

**Storage:**  
Store at 2-8°C. Stable for one year after shipment.  
**Storage Buffer:**  
Phosphate based buffer with 0.09% sodium azide, pH 7.2.

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

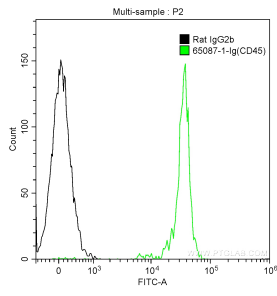
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## Selected Validation Data



$1 \times 10^6$  mouse splenocytes were surface stained with 0.5  $\mu$ g Anti-Mouse CD45 (65087-1-Ig, Clone: 30-F11) and FITC anti-rat IgG2b Antibody at dilution 1:200 (green), or stained with 0.5  $\mu$ g rat IgG2b isotype control antibody and FITC anti-rat IgG2b Antibody at dilution 1:200 (black). Cells were not fixed.