

For Research Use Only

Anti-Rat CD45 (OX1)

Catalog Number: 65228-1-Ig



Basic Information

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| Catalog Number: 65228-1-Ig | GenBank Accession Number: XM_006249910 | Purification Method: Affinity purification |
| Size: 100ug, 0.5 mg/ml | GeneID (NCBI): 24699 | CloneNo.: OX1 |
| Source: Mouse | UNIPROT ID: P04157 | |
| Isotype: IgG1, kappa | Full Name: protein tyrosine phosphatase, receptor type, C | |
| | Calculated MW: 143 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
Rat

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

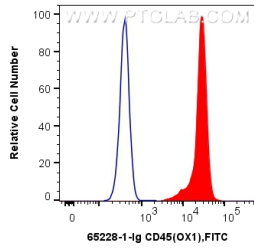
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
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 W: ptgcn.com

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Selected Validation Data



1X10⁶ wistar rat splenocytes were surface stained with 0.5 ug Anti-Rat CD45 (65228-1-Ig, Clone:OX1) and FITC anti-Mouse IgG1 Antibody at dilution 1:100 (red), or 0.5 ug Control Antibody. Cells were not fixed.