

For Research Use Only

Anti-Rat CD45 (OX1)

Catalog Number: 65228-1-Ig



Basic Information

Catalog Number:

65228-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

XM_006249910

GeneID (NCBI):

24699

UNIPROT ID:

P04157

Full Name:

protein tyrosine phosphatase,
receptor type, C

Calculated MW:

143 kDa

Purification Method:

Affinity purification

CloneNo.:

OX1

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in 100 µl
suspension

Applications

Tested Applications:

FC

Species Specificity:

rat

Positive Controls:

FC : Wistar rat splenocytes,

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, pH7.3

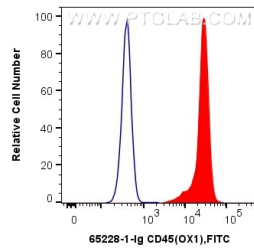
For technical support and original validation data for this product please contact:

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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.