

For Research Use Only

PE Anti-Rat CD45 (OX1)

Catalog Number: PE-65228



Basic Information

Catalog Number: PE-65228	GenBank Accession Number: XM_006249910	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 24699	CloneNo.: OX1
Source: Mouse	Full Name: protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG1, kappa	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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

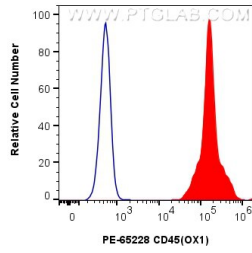
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ rat splenocytes were surface stained with 0.2 ug PE Anti-Rat CD45 (PE-65228, Clone:OX1) (red), or 0.2 ug PE Mouse IgG1 Isotype Control (MOPC-21) (PE-65124, Clone: MOPC-21) (blue). Cells were not fixed.