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PerCP-Cyanine5.5 Anti-Human CD45 (HI30)

Product Number: ATB0033

Shipping and Storage

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer:PBS with 0.09% sodium azide and 0.5% BSA, pH7.3.

Component

Component	ATB0033
PerCP-Cyanine5.5 Anti-Human CD45 (HI30)	100T

Description

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. CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling.

Basic Information

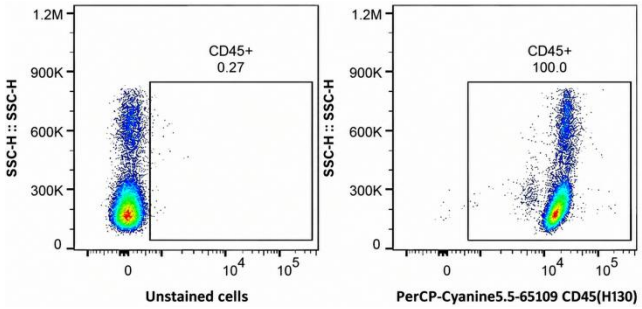
1. Concentration: 100tests, 5μL/test
2. Source: Mouse
3. Isotype: IgG1, kappa
4. GenBank Accession Number: BC014239
5. GeneID (NCBI):5788
6. ENSEMBL Gene ID: ENSG00000081237
7. UNIPROT ID: P08575
8. Full Name: protein tyrosine phosphatase, receptor type, C
9. Purification Method: Affinity purification
10. CloneNo.: HI30
11. Recommended Dilutions: FC: 5μL per 10^6 cells in 100μL suspension
12. Excitation/Emission maxima wavelengths:482nm / 690nm.

Application

1. Tested Applications:FC
2. Species Specificity: human
3. Positive Controls: FC : human PBMCs.

Selected Validation Data

1x10^6 human PBMCs were surface stained with 5μL PerCP-Cyanine5.5 Anti-Human CD45 (HI30) or unstained. Cells were not fixed.



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