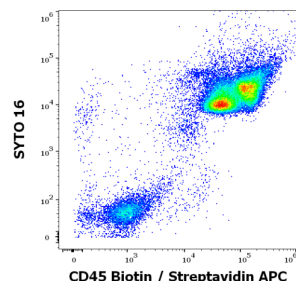
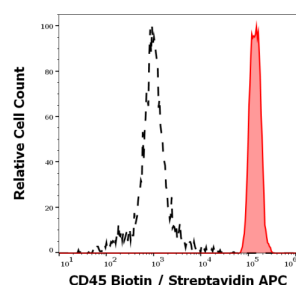


Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) Antibody (Biotin)

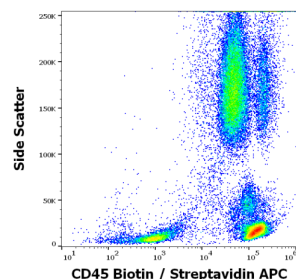
Catalogue No.: abx139842



Flow cytometry analysis of Human peripheral whole blood using Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) antibody conjugated to Biotin (1 µg/ml) with Streptavidin antibody conjugated to APC.



Flow cytometry analysis showing separation of Human lymphocytes (red) from CD45 negative blood debris (black) in Human peripheral whole blood using Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) antibody conjugated to Biotin (1 µg/ml) with Streptavidin antibody conjugated to APC.



Flow cytometry analysis of Human peripheral whole blood with SYTO 16 using Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) antibody conjugated to Biotin (1 µg/ml) with Streptavidin antibody conjugated to APC.

CD45 Antibody is a Mouse Monoclonal against CD45.

Target: Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC)

Clonality: Monoclonal

Clone: B553

Reactivity: Human

Tested Applications: WB, IHC, IF/ICC, FCM, IP

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 01 Oct 2025



Recommended dilutions: WB (Non-reducing, 6-7% gel): 1 µg/ml, FCM: 1 µg/ml Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Biotin

Immunogen: Human thymocytes and T lymphocytes.

Isotype: IgG₁

Storage: Store at 2-8°C. Do not freeze.

UniProt Primary AC: P08575 ([UniProt](#), [ExPASy](#))

Gene Symbol: PTPRC

GenelD: [5788](#)

KEGG: hsa:5788

String: [9606.ENSP00000411355](#)

Buffer: PBS solution with 15 mM sodium azide.

Specificity: The antibody reacts with all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.