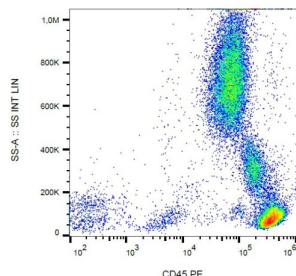
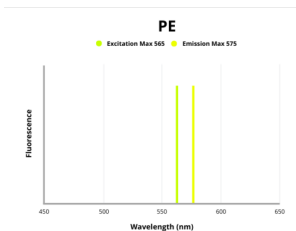


Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) Antibody (PE)

Catalogue No.: abx139838



Surface staining of human peripheral blood cells with anti-human CD45 PE.



Fluorescence emission spectra of PE.

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: FCM

Host: Mouse

Recommended dilutions: FCM: 20 µl/100 µl of whole blood or 10⁶ cells. Validated in IHC-P and ICC. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests.

Conjugation: PE

Excitation/Emission: 565/575

Datasheet

Version: 3.0.0
Revision date: 28 Sep 2025



Laser Line:	550
Immunogen:	Human thymocytes and T lymphocytes.
Isotype:	IgG ₁
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	P08575 (UniProt , ExPASy)
Gene Symbol:	PTPRC
GeneID:	5788
KEGG:	hsa:5788
String:	9606.ENSP00000411355
Buffer:	Stabilizing PBS solution containing 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.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.