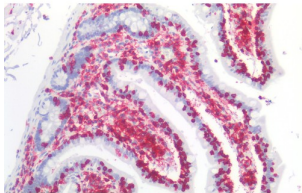
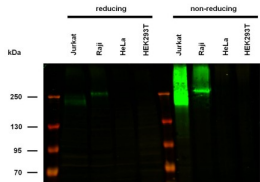


Receptor-Type Tyrosine-Protein Phosphatase C / CD45 (PTPRC) Antibody

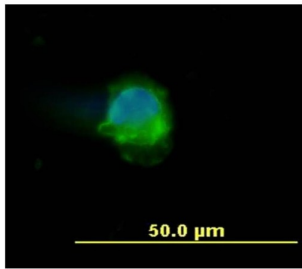
Catalogue No.: abx139820



IHC analysis of Human Small Intestine tissue, stained with anti-CD45.



WB analysis of different whole cell extracts, using anti-CD45.



ICC analysis of Human Peripheral Blood Mononuclear cells, using anti-CD45 (green). DNA visualised by DAPI (blue).

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: 20 Sep 2025



Recommended dilutions:	WB (Non-reducing, 6-7% gel): 1 µg/ml, IF/ICC: 10 µg/ml, FCM: 1 µg/ml. Validated in IHC-P and ICC. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Human thymocytes and T lymphocytes.
Isotype:	IgG ₁
Purity:	> 95% (SDS-PAGE)
Purification:	Purified by Protein A affinity chromatography.
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.