

CD45RO antibody [UCHL1]

Cat. No. GTX00596

Host	Mouse
Clonality	Monoclonal
Isotype	lgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, Neutralizing/Inhibition
Reactivity	Human, Chimpanzee

References (8) Package 100 μg

PRODUCT

Summary

The UCHL1 antibody reacts with the human CD45 isoform known as CD45RO, a protein tyrosine phosphatase of ≥ 220 kDa. CD45 is one of the most abundant hematopoietic markers, and is expressed on all leukocytes (the Leukocyte Common Antigen, LCA). Various isoforms are generated and expressed in cell-specific patterns. With their broad cell distribution, CD45 isoforms are critical for many leukocyte functions, regulating signal transduction and cell activation associated with the T cell receptor, B cell receptor, and IL-2 receptor. Other forms of CD45, with restricted cellular expression, include CD45R (B220), CD45RA and CD45RB.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution	
WB	Assay dependent	
ICC/IF	Assay dependent	
IHC-P	Assay dependent	
IHC-Fr	Assay dependent	
FCM	Assay dependent	
IP	Assay dependent	
Neutralizing/Inhibition	Assay dependent	
Not tested in other applications.		

Calculated MW 147 kDa. (Note)

Properties	
Form	Liquid
Buffer	10mM NaH₂PO₄, 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.



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Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human IL-2 dependent T cells
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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