

CD45RO antibody [UCHL1]

Cat. No. GTX00596

| | |
|--------------|---|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| 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 NaH ₂ PO ₄ , 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 | <p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p> |



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