

Anti-CD45RO [UCH-L1] Standard Size Ab00604-23.0

Developed in partnership with Ximbio (www.ximbio.com).

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: UCH-L1

Alternative Name(s) of Target: PTPRC; Protein tyrosine phosphatase; receptor type C; CD45 R; UCHL1; UCHL-1

UniProt Accession Number of Target Protein:

Published Application(s): IP, WB, FC, IHC

Published Species Reactivity: Human

Immunogen: Cultured T cells from an IL-2-dependent T-cell line (CA1) prepared from human peripheral blood activated with influenza virus.

Specificity: This antibody binds human CD45RO.

Application Notes: PTPRC (CD45) is a transmembrane tyrosine phosphatase that is present on all leukocytes. PTPRC regulates the threshold of T cell antigen receptor (TCR) signaling through dephosphorylation of protein tyrosine kinases (e.g. Lck and Fyn). CD45R and CD45RO are two of multiple PTPRC isoforms generated by alternative splicing. CD45R is found on B lymphocyte and T lymphocyte subsets. CD45RO is present on 50% of T cells, most granulocytes and monocytes and most mature T cell tumours. This antibody reacts with an epitope unique for CD45RO. It may identify abnormalities of functional T-cell subsets in immune disorders, be used in tumour diagnosis by FACS or immunohistology and has been very useful in studies of human T cell function and ontogeny.

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.