

Anti-CD45RA [OTH-74D4] Standard Size Ab01502-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human 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: Human IgG1, Fc Silent™, Kappa

Clone Number: OTH-74D4

Alternative Name(s) of Target: PTPRC; Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CA; T200; CD45; LY5; T200 glycoprotein; T200 leukocyte common antigen; CD45RA isoform; OTH 74D4

UniProt Accession Number of Target Protein: P08575

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising mice with an EBV-transformed B cell line from a patient with MHC class II deficiency.

Specificity: OTH-74D4 antibody recognises CD45RA, which is an CD45 isoform containing only protein A region. The CD45RA antigen is expressed mostly on naïve CD4+, CD8+ and gd+ T and on most B and NK lymphocytes. Generally the CD45RA antigen density decreases upon activation.

Application Notes: OTH-74D4 antibody is recommended for the flow cytometric identification of CD45RA. The CD45RA expression on immune cells is used as one of the key surface antigen to determine the functional status and also to define the end-stage of human T cells.

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.