

anti-human CD45RO FITC-conjugated**Cat-No.: H12436F** **1 ml****Clone:** UCHL1**Specificity:**

This clone has been derived from hybridization of NS-1 cells with spleen cells of a BALB/c mouse immunized with T-cell line CA1. The antibody was submitted to CD45RO in the Third and Fourth International Workshop on Human Leukocyte Differentiation Antigens. The monoclonal antibody is directed against the CD45RO-antigen (restricted T200, gp180), a component of the Leukocyte Common Antigen (LCA) complex, which is expressed on human T lymphocytes (40% of CD4 and 20% of CD8 positive T lymphocytes), most thymocytes and the majority of T-cell malignancies (molecular mass 180 kDa). The monoclonal antibody also reacts weak with most human granulocytes and monocytes, and reacts hardly with B lymphocytes, NK-cells or thrombocytes.

Isotype subclass: Mouse IgG2a**Form:** The antibody was purified from ascites using column chromatography (ion exchange chromatography). Conjugated with fluorescein iso thiocyanate isomer 1 (FITC), Molecular F/P ratio between 5.0 – 10.0.**Physical state:** Liquid**Buffer/Additives/Preservative:** PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4)**Expiration date:** The reagent is stable until the expiry date stated on the vial label**Storage conditions:** Store at 4°C. Do not freeze. Avoid prolonged exposure to light.**Application:**

Enumeration of CD45RO positive cells in peripheral blood. Methods: Direct immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only. EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.