

anti-human CD45RA PE-conjugated

PE -conjugated monoclonal antibody F8-11-13 to human CD45RA

Cat-No: **21339454**

500 µl

Clone: F8-11-13 (mouse)

Specificity:

This clone has been derived from hybridization of NS-1 cells with spleen cells of a mouse immunized with purified lymphocytes from human lymph nodes. This antibody has been clustered to CD45RA in the First, Third, Fourth and Fifth International Workshop on Human White Cell Differentiation Antigens. The monoclonal antibody is directed against the CD45RA-antigen (restricted T200, gp220), a component of the Leukocyte Common Antigen (LCA) complex, which is expressed on human B lymphocytes, monocytes and some CD4 or CD8 positive T lymphocytes (molecular mass 220 kDa). The monoclonal antibody reacts weakly with thymocytes. The monoclonal antibody does not react with human granulocytes and plasma cells.

Isotype subclass: Mouse IgG1

Form:

The antibody was purified from ascites using column chromatography (ion exchange and/or affinity chromatography). Conjugated with R-Phycoerythrin (PE). Molecular F/P ratio is between 1.0 – 2.0.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

Storage conditions:

Store at 4 °C. Avoid prolonged exposure to light. The reagent is stable until the expiry date stated on the vial label.

Application:

Identification of CD45RA positive lymphocytes in tissue. Enumeration of CD45RA positive cells in peripheral blood.

References: Dalchau, R. et al., J. Exp. Med. 153, 753 (1981).

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. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

ImmunoTools GmbH - Altenoyther Str. 10; 26169 Friesoythe; Germany
Tel +49-(0)4491-400997, Fax +49-(0)4491-400998, info@immunotools.com
www.immunotools.com