

anti-human CD2 FITC-conjugated**Cat-No.: H12420F****1 ml****Clone:** 6G4**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with cells of a patient with the Sezary Syndrome. This antibody has been clustered to CD2 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD2-antigen (T11-antigen), which is expressed on human T lymphocytes. The monoclonal antibody reacts with all human peripheral T lymphocytes and 90% of the thymocytes. The monoclonal antibody blocks the rosette-formation of human T lymphocytes with sheep erythrocytes.

Isotype subclass: Mouse IgG1

Form: Ascites fluid of tumor bearing BALB/c mice. Purification: Ammoniumsulphate precipitation and ion exchange chromatography. Conjugated with fluorescein iso thiocyanate isomer 1 (FITC). Molecular F/P ratio between 6.0 - 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:**

Monitoring of T-cell numbers in peripheral blood. Characterization of leukaemias and lymphomas. Analysis of NK-cell subset. Methods: Direct immunofluorescence staining with analysis by flowcytometry 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.

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