

PeliCluster

CD70

Art.no M1705

Test/vial 200

Clone CLB-2F2

This clone has been derived from hybridization of SP2/0 cells with spleen cells of BALB/c mouse immunized with irradiated Ramos cells. This antibody was submitted to CD70 in the Sixth International Workshop on Human Leukocyte Differentiation Antigens.

Isotype Mouse IgG1.

Source Culture supernatant.

Purification Ammoniumsulphate precipitation and ionexchange chromatography.

Packing Each vial contains 1 ml with approximately 0.2 mg/ml monoclonal antibody and 10 mg BSA in 20 mM TRIS and 150 mM NaCl, pH 8.0.

Preservative Sodium azide (NaN₃), 0,1% (w/v).

Storage and stability Monoclonal antibodies should be stored in the dark at 2-8°C. The reagent is stable until the expiry date stated on the vial label.

Major reactivity The monoclonal antibody is directed against the CD70 antigen (Ki-24), which is expressed on a subpopulation of activated B and T lymphocytes. The monoclonal antibody also reacts positive with Reed-Sternberg cells and anaplastic large cell lymphoma (1).

Molecular mass 60kDa.

Application Study of activated B and T cells.

Methods Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.

References 1. Hintzen R., et al., Journal of Immunology 152, 1762 (1994).