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36-1886: Monoclonal Antibody to CD19 (B-Lymphocyte Marker)(Clone: CVID3/155)

Clonality: Monoclonal **Clone Name:** CVID3/155 FACS.IF Application: Reactivity: Human Gene: CD19 Gene ID: 930 **Uniprot ID:** P15391 **Purified** Format: **Alternative Name:** CD19

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human CD19 protein

Description

Recognizes a protein of 95kDa, identified as CD19. CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is present in both benign and malignant B-cells and is considered to be the most reliable surface marker of this lineage over a wide range of maturational stages. In normal lymphoid tissue, CD19 is observed in germinal centers, in mantle zone cells, and in scattered cells of the inter-follicular areas. Anti-CD19 exhibits an overall immunoreactivity pattern similar to those of the antibodies against CD20 and CD22. However, in contrast to CD20, expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. Anti-CD19 positivity is seen in the vast majority of B-cell neoplasms commonly at a lower intensity than normal B-cell counterparts. Plasma cell neoplasms are nearly always negative, as are T-cell neoplasms.

Product Info

Amount: 100 µg

Purification: Affinity Chromatography

100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly Content:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); ,Immunofluorescence (1-2ug/ml); ,