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36-1715: Monoclonal Antibody to CD71 / Transferrin Receptor (TFRC)(Clone: 66IG10)

Clone Name: 66IG10
Application: ELISA,FACS,IF
Reactivity: Human

Gene ID: TFRC

Gene ID: 7037

Uniprot ID: P02786

Format: Purified

Alternative Name: TFRC

Isotype: Mouse IgG1, kappa

Immunogen Information: Human thymocytes (T-cells)

Description

It recognizes a ~90-95kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other related proteins. Its epitope is localized in the extracellular domain of CD71. Ligand for transferrin receptor is the serum iron transport protein, transferrin. This receptor is broadly distributed in carcinomas, sarcomas, leukemias, and lymphomas. CD71/Transferrin receptor has been reported to be associated with cell proliferation in both normal and neoplastic tissues and useful in predicting clinical behavior or response to therapy in a number of malignancies including breast cancer.

Product Info

Amount : 100 μg

Purification: Affinity Chromatography

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

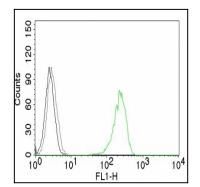
toxic.

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

repeated freeze and thaw cycles.

Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);



Flow Cytometry of human CD71 on K562 Cells. Black: Cells alone; Grey: Isotype Control; Green: AF488-labeled CD71 Monoclonal Antibody (66IG10).