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Certificate of Analysis and Data Sheet

Mouse Anti-CD71 Transferrin Receptor

Catalog No.
MD-11-0108

Host Animal:
Mouse

Isotype:
IgG1

Description: Monoclonal Antibody to Human CD71 Transferrin Receptor

Specificity: Recognizes CD71 antigen (transferrin receptor). It does not block binding of transferrin to the receptor.

Source: Ascites

Immunogen: pre-B cell line NALM-6

Format: Purified, Liquid

Purification: >98% pure (SDS-PAGE). Protein A chromatography

Concentration: 4.4mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Affinity Constant: Not determined

Buffer: PBS, pH 7.4

Preservative: 15mM Sodium Azide

Applications: This antibody recognizes native human transferrin using immunoperoxidase or immunofluorescence, and activated tumor cells bearing the human transferrin receptor. This antibody also immunoprecipitates a 180kDa antigen from human cells and a 90 kDa antigen from lysate that has been reduced. This antibody is not suitable for Western blot (recognized epitope is sensitive to denaturation). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**