

Human Transferrin Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 21002

Size: 500 ug Protein A-purified antibody in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Purified human transferrin from pooled human plasma.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None

Preservatives: 0.1% sodium azide.

SPECIFICITY

21002 reacts with the N-terminal domain of human transferrin, $K_d = 2.85 \times 10^{-11}$ M. This antibody does not cross-react with mouse, rabbit, or bovine transferrin, nor with human lactoferrin.

APPLICATIONS

At 10^{-6} M, this antibody inhibits proliferation of Concanavalin A stimulated peripheral blood lymphocytes. It may be used in indirect immunofluorescence on fixed, paraffin-embedded tissues or in immunoassays for detection of human transferrin. ELISA titer = 1: 500,000.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C . Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.