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## CD71 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251844

**Unit:** 0.1 mg

**Description:**

The CD71 Antibody recognizes a 95-kDa disulfide-bonded homodimeric type-II transmembrane glycoprotein called transferring receptor (TfR). CD71 antigen is expressed typically at high level on all proliferating cell, activated cells and erythroblasts or reticulocytes that require iron, but not on resting peripheral blood leucocytes and mature erythrocytes. CD71 antigen is also expressed at high level on cells of most neoplastic cell lines and 29-32% of bone marrow cells. A soluble form of CD71 in serum (plasma) exists besides a membrane form. Monitoring the soluble form of CD71 antigen in plasma is a diagnostic marker of anemia besides assaying plasma ferritin.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** Transferrin receptor protein 1; TfR1; TR; TfR; Trfr; T9; p90; CD71

**Accession No.:** P02786

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD71.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; ICC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.