

# Bulk Anti-Human CD71 (T56/14) Antibody

**Product Code:** ICH1018

**Bulk anti-human CD71 antibody (T56/14)**

## **Product Benefits:**

ichorbio's bulk anti-human CD71 antibody (T56/14) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

## **Target:**

CD71

## **Clone:**

T56/14

## **Isotype:**

Mouse IgG1

## **Other Names:**

Transferrin receptor protein 1, TFRC, TR, TfR, TfR1, Trfr, T9, p90

## **Uniprot:**

[P02786](#)

## **Host:**

Mouse

**Species Reactivity:**

Human

**Specificity:**

Bulk anti-human CD71 antibody (T56/14) recognizes Human CD71 transferrin receptor (Mr 190 kDa)

**Purification Method:**

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Antigen Distribution:**

The transferrin receptor is a cell surface glycoprotein related to cell proliferation. Up-regulation of the CD71 antigen is associated with actively dividing cells. Transferrin receptors are also present on reticulocytes, but are lost during maturation into erythrocytes.

**Background:**

Anti-transferrin receptor may be used to identify activated lymphocytes. The CD71 antibody may be used in studies of erythropoiesis.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

**Endotoxin:**



1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

**Aggregation:**

Aggregation level ≤ 5%

Aggregation level ≤ 1%

**Storage:**

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

**Applications:**

Flow Cytometry, Western Blot, Immunoprecipitation

**Application Notes:**

Each investigator should determine their own optimal working dilution for specific applications.

**Use:**

Products are for research use only.

**Isotype Control:**

[Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin \[HKSP\] \(ICH2247\)](#)