

Bulk Anti-Human CD71 (T56/14) Antibody

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:

[ichor.bio](mailto:hello@ichor.bio) // hello@ichor.bio

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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 \[HKSP\] \(ICH2247\)](#)