

Bulk Anti-Human CD45 (T29/33) Antibody

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Product Benefits:

ichorbio's bulk anti-human CD45 antibody (T29/33) 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:

CD45

Other Names:

LCA, Leukocyte Common Antigen, PTPRC, Receptor-type tyrosine-protein phosphatase C, T200

Clone:

T29/33

Size:

ichorbio's anti-human CD45 antibody (T29/33) is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of clone T29/33 - please contact us for pricing.

Isotype:

Mouse IgG2b

Host:

Mouse

Species Reactivity:

Human

Specificity:

Clone T29/33 recognizes an epitope on human CD45.

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 CD45 antigen is present on all human leukocytes and progenitors in bone marrow. This antibody binds to all human hematopoietic cells, but not to non-hematopoietic cells. Anti-CD45 (T29/33) is not cytotoxic in the presence of complement.

Concentration:

>2.0 mg/ml

Formulation:

This anti-human CD45 antibody (T29/33) is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 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

Application Notes:

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

Use:

Products are for research use only.