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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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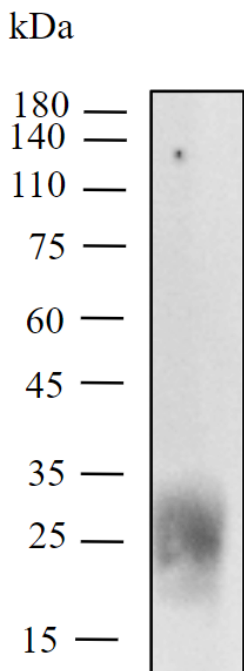
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Name: Anti-Mouse CTLA-4 In Vivo Antibody - Low Endotoxin (UC10-4F10-11)
[ICH1085]

SKU: ICH1085

Categories: [anti-mouse](#), [Flow Cytometry](#), [Functional Assays](#), [Immunoprecipitation](#),
[Low Endotoxin](#), [Ultra Low Endotoxin](#), [Western Blot](#)



Product price: \$375.00 – \$2,950.00

Product Details

Bulk anti-CTLA-4 In Vivo Antibody - Low Endotoxin (UC10-4F10-11)

Bio X Cell:

ICH1085 is [up to 30% cheaper](#) for academia & non-profits and [up to 55% cheaper](#) for industry than the equivalent product BE0032 from Bio X Cell.

Product Benefits:

ichorbio's anti-CTLA-4 In Vivo Antibody - Low Endotoxin (UC10-4F10-11) 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 our [competitors](#) 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 (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CTLA-4

Clone:

UC10-4F10-11

Size:

ichorbio's UC10-4F10-11 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-CTLA-4 UC10-4F10-11 clone - please contact us for pricing.

Isotype:

Armenian Hamster IgG1

Other Names:

Ctla4, Cytotoxic T-lymphocyte protein 4, CD152

Uniprot:

[P09793](#)

Host:

Armenian Hamster

Species Reactivity:

Mouse

Specificity:

Anti-CTLA-4 In Vivo Antibody - Low Endotoxin (UC10-4F10-11) recognizes an epitope on Mouse CD152

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 UC10-4F10-11 antibody reacts with CD152 (CTLA-4), which is expressed on activated T lymphocytes 2-3 days after stimulation through T cell receptor.

Background:

CD152, also known as CTLA-4 or Ly-56 has significant similarity to CD28 in amino acid sequence, structure, and genomic organization. Furthermore, CD152 and CD28 share common B7 family counter-receptors. Unlike CD28, CD152 expression appears to be restricted to activated T cells and CD25+CD4+ regulatory T (Treg) cells. CD152 is thought to play a role in the induction and maintenance of immunological tolerance as well as the development of protective immunity and thymocyte regulation.

Immunogen:

Purified Recombinant Mouse CTLA4 Fc Fusion Protein

Concentration:

? 2.0 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, Functional Assays, Immunoprecipitation

in vivo

We recommend using between 50-250µg per mouse when performing *in vivo* research using ichorbio's CTLA-4 low endotoxin antibody clone UC10-4F10-11. This range is based off the most recent publication data using the UC10-4F10-11 clone *in vivo*.

Application Notes

Functional Assay: Clone UC10-4F10-11 antibody has been shown to promote T cell co-stimulation by blocking CTLA-4 binding to the B7 co-receptors, allowing for CD28 binding. Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Isotype Control:

[Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin \[PIP\] \(ICH2251\)](#)

Antibodies against the same target:

[Anti-CTLA-4 In Vivo Antibody - Low Endotoxin \[9H10\] \(ICH1084\)](#), [Anti-CTLA-4 In Vivo Antibody - Ultra Low Endotoxin \[9D9\] \(ICH1096UL\)](#), [Anti-CTLA-4 In Vivo Antibody - Low Endotoxin \[9D9\] \(ICH1096\)](#), [Anti-CTLA-4 In Vivo Antibody - Ultra Low Endotoxin \[9H10\] \(ICH1084UL\)](#)

Additional information:

Size: [1mg](#), [5mg](#), [25mg](#), [50mg](#), [100mg](#)

Endotoxin Level: Low, Ultra Low