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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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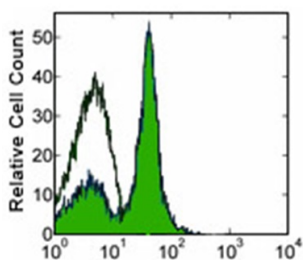
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Name: Anti-Mouse CD32/CD16 In Vivo Antibody - Low Endotoxin (2.4G2) [ICH1056]

SKU: ICH1056

Categories: [anti-mouse](#), [Blocking](#), [CODEX](#), [Flow Cytometry](#), [IHC \(Frozen\)](#), [Immunoprecipitation](#), [Low Endotoxin](#), [Ultra Low Endotoxin](#), [Western Blot](#)



Product price: \$375.00 – \$2,950.00

Product Details

Bulk anti-CD32/CD16 In Vivo Antibody - Low Endotoxin (2.4G2)

Bio X Cell:

ICH1056 is [up to 30% cheaper](#) for academia & non-profits and [up to 55% cheaper](#) for industry than the equivalent product from Bio X Cell (BE0307).

Product Benefits:

ichorbio's anti-CD32/CD16 In Vivo Antibody - Low Endotoxin (2.4G2) 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:

CD32/CD16

Clone:

2.4G2

Size:

ichorbio's 2.4G2 *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-CD32/CD16 2.4G2 clone - please contact us
for pricing.

Isotype:

Rat IgG2b

Other Names:

Low affinity immunoglobulin gamma Fc region receptor II, Fcgr2, Fc-gamma-RIIB, FcRII, IgG Fc receptor
II beta, Ly-17, Low affinity immunoglobulin gamma Fc region receptor III, Fcgr3, FcRIII, Fc-gamma RIII

Uniprot:

[P08508](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD32/CD16 In Vivo Antibody - Low Endotoxin (2.4G2) recognizes the Fc γ II and Fc γ III receptors

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 Fc gamma II/III receptors are present on mouse natural killer cells, monocytes, macrophages,
granulocytes, B-cells and most fetal thymocytes.

Background:

CD16 is a low-affinity IgG Fc receptor III and CD32 is FcR II. CD16/CD32 are expressed on B cells,
monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind
antibody-antigen immune complexes and mediate adaptive immune responses. Clone 2.4G2 antibody is used
in flow cytometry staining experiments to prevent non-specific binding of IgG to the Fc γ III and Fc γ II, and
possibly Fc γ I, receptors prior to staining with antigen-specific primary antibodies. The Fab fragments of the
2.4G2 antibody have also been used to block Fc receptors *in vivo*.

Concentration:

0.5 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:

Western Blot, Blocking, Flow cytometry, IHC (Frozen), Immunoprecipitation, CODEX

Application Notes:

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:

[Rat IgG2b In Vivo Isotype Control - Low Endotoxin \[1-2\] \(ICH2243\)](#)

Antibodies against the same target:

[Anti-CD16 In Vivo Antibody - Low Endotoxin \[3G8\] \(ICH1010\)](#)

Additional information:

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

Endotoxin Level: Low, Ultra Low