

Anti-Rat Kappa Light Chain (MAR 18.5) In Vivo Antibody - Low Endotoxin

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Product Benefits:

ichorbio's anti-Rat Kappa Light Chain In Vivo Antibody (MAR 18.5) - Low Endotoxin 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 (0.5 EU/mg) at an even higher purity (98% versus 95%).

ichorbio: the best antibodies for *in vivo* research.

Target:

Kappa Light Chain

Clone:

MAR 18.5

Size:

ichorbio's MAR 18.5 *in vivo* antibody is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our anti-Rat Kappa Light Chain MAR 18.5 clone - please contact us for pricing.

Isotype:

Mouse IgG2a kappa

Host:

Mouse

Species Reactivity:

Rat

Specificity:

MAR 18.5 activity is directed against rat kappa immunoglobulin light chain of both RI-1a and RI-1b allotypes.

Antigen Distribution:

Immunoglobulins consist of heavy chains and light chains. Kappa is a class of light chain and is encoded by the V (variable), J (joining), and C (constant) segments.

Immunogen:

Soluble rat immunoglobulin.

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

? 0.5 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

Aggregation level ? 1%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our mouse antibodies are tested for: Mycoplasma spp., Mycoplasma pulmonis, Sendai virus, Mouse hepatitis virus, Pneumonia virus of mice, Minute virus of mice, Mouse parvovirus (MPV1-5), Theiler's murine encephalomyelitis virus, Murine norovirus, Reovirus 3, Mouse rotavirus, Ectromelia virus, Lymphocytic choriomeningitis virus, Polyoma virus, Lactate dehydrogenase-elevating virus, Mouse adenovirus (MAD1, MAD2), Mouse cytomegalovirus K virus, Mouse thymic virus, Hantaan virus, Corynebacterium bovis, Corynebacterium spp. (HAC2)

Storage:

Anti-Rat Kappa Light Chain In Vivo Antibody (MAR 18.5) is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C in a manual



defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

ELISA, Functional Assays, Western Blot

Application Notes:

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

Use:

Products are for research use only.