

# Anti-Mouse Integrin Beta 7 (FIB504) In Vivo Antibody - Low Endotoxin

**Bulk anti-integrin beta 7 In Vivo Antibody - Low Endotoxin (FIB504)**

## Product Benefits:

ichorbio's anti-integrin beta 7 In Vivo Antibody - Low Endotoxin (FIB504) 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:

ITGB7

## Clone:

FIB504

## Isotype:

Rat IgG2a

## Other Names:

Integrin beta-7, Integrin beta-P, M290 IEL antigen

## Uniprot:

[P26011](#)

## Host:

Rat

## Species Reactivity:

Mouse

## Specificity:

Anti-integrin beta 7 In Vivo Antibody - Low Endotoxin (FIB504) recognizes an epitope on Mouse Integrin B7

## 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.

**Immunogen:**

TK1 Cells

**Concentration:**

1.0 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, Blocking

**Application Notes:**

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

**Use:**

Products are for research use only.

## Isotype Control:

[Rat IgG2a In Vivo Isotype Control - Low Endotoxin \[1-1\] \(ICH2244\)](#)

## Alternative Names:

- Gut homing receptor beta subunit antibody
- Integrin beta 7 subunit antibody
- Integrin beta-7 antibody
- Integrin beta-P antibody
- Integrin, beta 7 antibody
- ITB7 antibody
- Itgb7 antibody
- Ly69 antibody
- M290 IEL antigen antibody