

# Anti-Mouse CD120a (55R-170) In Vivo Antibody - Low Endotoxin

**Bulk anti-CD120a In Vivo Antibody - Low Endotoxin (55R-170)**

## Product Specific Citations

Chuah et al. Uncoupling immune trajectories of response and adverse events from anti-PD-1 immunotherapy in hepatocellular carcinoma. Journal of Hepatology (2022).

## Product Benefits:

ichorbio's anti-CD120a In Vivo Antibody - Low Endotoxin (55R-170) 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:

CD120a

## Clone:

55R-170

## Isotype:

Armenian Hamster IgG1

## Other Names:

Tumor necrosis factor receptor superfamily member 1A, Tnfrsf1a, TNF-R1, TNF-RI, p55, p60

## Uniprot:

[P25118](#)

## Host:

Armenian Hamster

## Species Reactivity:

Mouse

**Specificity:**

Anti-CD120a In Vivo Antibody - Low Endotoxin (55R-170) recognizes an epitope on Mouse TNF RI

**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.

**Background:**

Tumor necrosis factor receptor superfamily, member 1A, (TNFRI) also known as TNFRSF1A or CD120A is the principal receptor through which many of the pro-inflammatory activities of TNF-alpha are mediated. TNFRI contains a death domain through which it interacts with other death-domain proteins to promote cellular responses. It regulates immune and inflammatory responses.

**Immunogen:**

Recombinant Mouse TNF RI Extracellular Domain

**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:**

Immunoprecipitation, Western Blot, Blocking, Functional Assays, Flow Cytometry, Neutralization

**Application Notes:**

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

**Use:**

Products are for research use only.

**Isotype Control:**

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

**Antibodies against the same target:**

[Anti-CD120a In Vivo Antibody - Low Endotoxin \[55R-593\] \(ICH1069\)](#)

**Alternative Names:**

- CD120a antibody
- FPF antibody
- MGC19588 antibody
- p55 antibody
- p55-R antibody
- p60 antibody
- TBP1 antibody
- TBPI antibody
- TNF R antibody
- TNF R55 antibody
- TNF-R1 antibody
- TNF-RI antibody
- TNFAR antibody
- TNFR-I antibody
- TNFR1 antibody
- TNFR55 antibody
- TNFR60 antibody
- TNFRI antibody
- TNFRSF1a antibody
- TNFR1A\_HUMAN antibody
- Tumor necrosis factor receptor 1 antibody
- Tumor necrosis factor receptor superfamily, member 1A antibody
- Tumor necrosis factor receptor type 1 antibody
- Tumor necrosis factor receptor type I antibody

- Tumor necrosis factor-binding protein 1 antibody