

Bulk Anti-Human HLA-DR (L243) Antibody

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Citations:

WNT4 promotes macrophage polarization via granulosa cell M-CSF and reduces granulosa cell apoptosis in endometriosis. WNT4 promotes macrophage polarization via granulosa cell M-CSF and reduces granulosa cell apoptosis in endometriosis. Yuan et al. Cytokine (2023)

Bio X Cell:

ICH1026 is [up to 37% cheaper](#) for industry than the equivalent product BE0306 from Bio X Cell.

Product Benefits:

ichorbio's anti-human HLA-DR antibody (L243) 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:

HLA-DR

Clone:

L243

Size:

ichorbio's L243 *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-HLA-DR L243 clone - please contact us for pricing.

Isotype:

Mouse IgG2a

Other Names:

Major Histocompatibility Class II, MHC class II, HLA-DR Monomorphic

Host:

Mouse

Species Reactivity:

Human

Specificity:

Anti-human HLA-DR antibody (L243) recognizes/reacts with the HLA-DR antigen, a member of MHC class II molecules. It does not cross-react with HLA-DP and HLA-DQ

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 HLA-DR antigen is present on B-lymphocytes, activated T-lymphocytes and activated natural killer (NK) lymphocytes. This antigen is also expressed on monocytes, macrophages, human progenitor cells and B-cell lymphomas.

Background:

HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD (heavy) chain & a 27 kD (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, and dendritic cells. HLA-DR is critical for efficient peptide presentation to CD4+ T cells. Clone L243 binds a conformational epitope on HLA-DRalpha which depends on the correct folding of the A? heterodimer.

Immunogen:

Unknown

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:

Western Blot, Blocking, Flow Cytometry, Immunoprecipitation, CyTOF, IHC (Frozen)

Application Notes:

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

Use:

Products are for research use only.

Isotype Control:

[Mouse IgG2a In Vivo Isotype Control - Low Endotoxin \[C1.18.4\] \(ICH2245\)](#)

Alternative Names:

- DASS-397D15.1 antibody
- DR alpha chain antibody
- DR alpha chain precursor antibody
- DRB1 antibody
- DRB4 antibody
- FLJ51114 antibody
- Histocompatibility antigen HLA DR alpha antibody
- Histocompatibility antigen HLA-DR alpha antibody
- HLA class II histocompatibility antigen antibody
- HLA class II histocompatibility antigen DR alpha chain antibody
- HLA DR1B antibody
- HLA DR3B antibody
- HLA DRA antibody
- HLA DRA1 antibody
- HLA DRB1 antibody
- HLA DRB3 antibody
- HLA DRB4 antibody
- HLA DRB5 antibody
- HLA-DR histocompatibility type antibody
- HLA-DRA antibody

- HLADR4B antibody
- HLADRA1 antibody
- HLADRB antibody
- Major histocompatibility complex class II DR alpha antibody
- Major histocompatibility complex class II DR beta 1 antibody
- Major histocompatibility complex class II DR beta 3 antibody
- Major histocompatibility complex class II DR beta 4 antibody
- Major histocompatibility complex class II DR beta 5 antibody
- MGC117330 antibody
- MHC cell surface glycoprotein antibody
- MHC class II antigen DRA antibody
- MHC II antibody
- MLRW antibody
- OTTHUMP00000029406 antibody
- OTTHUMP00000029407 antibody