

InVivoMAb anti-human/monkey MHC class II (HLA-DR)

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: **BE0306**
Clone: **L243**
Isotype: Mouse IgG2a, κ
Recommended Isotype Control(s): InVivoMAb mouse IgG2a isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Human lymphoblastoid B cell line RPMI 8866.9
Reported Applications: *in vitro* blocking of MHC class II HLA-DR
HLA class II binding assay
in vitro MHC class II HLA-DR expressing cell negative selection
Western blot
Flow cytometry
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtration
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2736986](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_2736986)
Molecular Weight: 150 kDa

Description

The L243 monoclonal antibody reacts with the human and monkey MHC class II, HLA-DR. HLA-DR is a transmembrane glycoprotein composed of an α chain (36 kDa) and a β chain (27 kDa). HLA-DR is expressed primarily on antigen presenting cells such as B cells, monocytes, macrophages, thymic epithelial cells and activated T cells. HLA-DR is critical for the presentation of peptides to CD4+ T cells.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration

experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0306?bxcs=9k1b3a#tab_references or scan the QR code below.



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