

Technical Data Sheet

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



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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: FM0306-FITC
Clone: L243
Isotype: Mouse IgG2a, κ
Conjugation: FITC
Excitation Source: Blue 488 nm
Excitation Max: 494 nm
Emission Max: 518 nm
Immunogen: Human lymphoblastoid B cell line RPMI 8866.9
Reported Applications: Flow cytometry
Formulation: PBS, pH 7.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_2736986](https://abnova.com/AB_2736986)

Description

The L243 monoclonal antibody reacts with the human and monkey MHC class II, HLA-DR. The transmembrane glycoprotein HLA-DR consists of a 36 kDa chain and a 27 kDa chain. Antigen-presenting cells such as B cells, monocytes, macrophages, thymic epithelial cells, and activated T cells primarily express HLA-DR. HLA-DR is critical for the presentation of peptides to CD4+ T cells. This fluorescein isothiocyanate (FITC)-conjugated version of the antibody is useful for flow cytometry and immunofluorescence, immunohistochemistry (frozen), and immunohistochemistry (paraffin).

Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

Application References

For a complete list of references, visit https://bioxcell.com/fm0306-fitc?bxcs=9k1b3a#tab_references or scan the QR code below.



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