

Anti-Human HLA-DR (MHC Class II) In Vivo Antibody - Ultra Low Endotoxin

Product Information

Product SKU:

IVMB0021

Size:

1mg, 5mg, 25mg, 50mg, 100mg

Concentration:

≥ 5.0 mg/ml

Isotype:

Mouse IgG2a

Host:

Mouse

Clone:

L243

Category:

Monoclonal Antibody

Reactivity:

Baboon, Chimpanzee, Cynomolgus Monkey, Marmoset, Rhesus Monkey, Squirrel Monkey, Canine, Human

Synonyms:

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

Specificity:

Clone L243 recognizes a conformational epitope on the human MHC class II molecule HLA-DR α , which depends on the correct folding of the $\alpha\beta$ heterodimer¹. It does not cross-react with HLA-DP or HLA-DQ.

Formulation:



This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Endotoxin Level:

<0.5 EU/mg as determined by the LAL method

Purity:

≥98% monomer by analytical SEC · >95% by SDS Page

Immunogen:

Unknown

Storage and Stability:

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Product Preparation:

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Applications

B, CODEX®, CyTOF®, Depletion, FC, IHC FF, IP, WB

Applications & Recommended Usage:

FC The suggested concentration for this HLA-DR (Clone L243) antibody for staining cells in flow cytometry is ≤ 0.5 µg per 10⁶ cells in a volume of 100 µl or 100µl of whole blood. Titration of the reagent is recommended for optimal performance for each application.