

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

Product Information

Product SKU:

IVMB0132

Size:

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

Concentration:

≥ 5.0 mg/ml

Isotype:

Mouse IgG2a

Host:

Mouse

Clone:

1a3

Category:

Monoclonal Antibody

Reactivity:

Human

Synonyms:

HLA-DQ Monomorphic

Specificity:

Clone 1a3 recognizes a monomorphic epitope on human HLA-DQ1. It does not cross-react with HLA-DR or HLA-DP.

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:

< 1.0 EU/mg as determined by the LAL method

Purity:

≥95% 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

ELISA, FC, IP, WB

Applications & Recommended Usage:

FC The suggested concentration for this HLA-DQ (Clone 1a3) antibody for staining cells in flow cytometry is $\leq 1.0 \mu\text{g}$ per 10^6 cells in a volume of 100 μl or 100 μl of whole blood. Titration of the reagent is recommended for optimal performance for each application.