

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

### Product Information

**Product SKU:**

IVMB0133

**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:**

<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**

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  $\mu\text{l}$  or 100 $\mu\text{l}$  of whole blood. Titration of the reagent is recommended for optimal performance for each application.