

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

Product Information

Product SKU:

IVMB0131

Size:

1mg, 5mg, 25mg, 50mg

Concentration:

≥ 5.0 mg/ml

Isotype:

Mouse IgG3

Host:

Mouse

Clone:

B7/21

Category:

Monoclonal Antibody

Reactivity:

Human

Synonyms:

HLA-DP Monomorphic, HLADP, HLA-DP $\alpha\beta$, DPA and DPB, DP α and DP β , DP $\alpha\beta$

Specificity:

Clone B7/21 recognizes a monomorphic epitope on human HLA-DP1, -DP2, -DP3, -DP4, and -DP5. It does not cross-react with HLA-DR 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:

< 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. Note: B7/21 is an antibody prone to precipitation at 2-8°C resulting in a slight opaque white liquid. At room temperature liquid is clear and colorless.

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

FC, ICC

Applications & Recommended Usage:

FC