



Mouse Anti-Human HLA-Class II Monoclonal Antibody, clone HKB1 (CABT-Z610M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The antibody recognises all HLA-Class II antigens, the 3 major (HLA-DP, -DQ and -DR) and 2 minor Major Histocompatibility Complex MHC class II proteins (HLA-DM and -DO).
Immunogen	Human HLA-Class II antigen.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	HKB1
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	FC
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS (sterile), pH 7.2.
Preservative	None
Storage	Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

BACKGROUND

Introduction

The genes of the class II combine to form heterodimeric ($\alpha\beta$) protein receptors that are typically expressed on the surface of antigen presenting cells (APCs): dendritic cells B-cells and macrophages. HLA class II is presented on activated T-cells. HLA class II molecules present exogenously derived antigen to the T cell receptor (TCR) on CD4 + T lymphocytes.

Keywords

HLA-Class II;HLA-Class II antigen
