

HLA-DRA, HLA-DRB

Mouse Anti-Human HLA Class II DR (Clone B-C10) mAb

Catalog No.	CDM347	Quantity:	200 tests
Alternate Names:	HLA class II histocompatibility antigen, DR alpha chain, DR beta chain, MHC class II DRA, MHC class II DRB		
Description:	HLA class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB1,3,4,5), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B Lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa, the beta chain is approximately 26-28 kDa.		
UniProt ID:	P01903		
Gene ID:	3122		
Concentration:	200 tests/ 2 ml		
Specificity:	Recognizes the MHC Class II (HLA-DR) membrane-bound antigen.		
Host:	Mouse		
Isotype:	IgG2bk		
Immunogen:	RPMI 8866 and DAUDI cell lines		
Clone:	B-C10		
Formulation:	PBS containing 1% BSA and 0.1% sodium azide.		
Applications:	Flow Cytometry, use 10 µl to label 10 ⁶ cells or 100 µl of whole blood. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 12 months. For longer storage, freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

