

Mouse Monoclonal Antibody to HLA-DRA

Catalogue Number	sAP-1444
Target Molecule	<p>Name: HLA-DRA</p> <p>Aliases: BIE; EHK; K10; KPP; BCIE; CK10</p> <p>MW: 58.8kDa</p> <p>Entrez Gene ID: 3858</p>
Description	HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, 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 and its gene contains 5 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. ;
Immunogen	Purified recombinant fragment of human HLA-DRA (AA: 26-254) expressed in E. Coli.
Recitative Species	Human;
Clone	MM1C11A5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 100 - 1 to 500; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Int J Immunogenet. 2014 Dec;41(6):508-11. ; 2.Am J Rhinol Allergy. 2012 Jan-Feb;26(1):12-7. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**