9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

HLA-DRA purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00003122-B01P

Regulatory Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human HLA-DRA protein.

Immunogen: HLA-DRA (AAH32350, 1 a.a. ~ 254 a.a) full-length human protein.

Sequence:
MAISGVPVLGFFIIAVLMSAQESWAIKEEHVIIQAEFYLN
PDQSGEFMFDFDGDEIFHVDMAKKETVWRLEEFGRF
ASFEAQGALANIAVDKANLEIMTKRSNYTPITNVPPEVT
VLTNSPVELREPNVLICFIDKFTPPVVNVTWLRNGKPV
TTGVSETVFLPREDHLFRKFHYLPFLPSTEDVYDCRVE
HWGLDEPLLKHWEFDAPSPLPETTENVVCALGLTVGL
VGIIIGTIFIIKGLRKSNAAERRGPL

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3122

Gene Symbol: HLA-DRA

Gene Alias: HLA-DRA1

Gene Summary: 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. [provided by RefSeq]