

Datasheet

HLA-DMA monoclonal antibody (M01), clone 3F12-F11

Catalog Number: H00003108-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant HLA-DMA.

Clone Name: 3F12-F11

Immunogen: HLA-DMA (AAH11447, 1 a.a. ~ 261 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

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MGHEQNQGAALLQMLPLLWLLPHSWAVPEAPTPMW  
PDDLQNHFTLHTVYCQDGSPSVGLSEAYDEDQLFFFD  
FSQNTRVPRLPEFADWAQEQGDAPAILFDKEFCEWMI  
QQIGPKLDGKIPVSRGFPIAEVFTLKPLEFGKPNTLVCF  
VSNLFPPMLTVNWQHHSVPVEGFGPTFVSAVDGLSF  
QAFSYLNFTPEPSDIFSCIVTHEIDRYTAIAYWVPRNAL  
PSDLENVLCGVAFGLGVLGIIVGIVLIYFRKPCSGD
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Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re
(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

Isotype: IgG1 kappa

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: 3108

Gene Symbol: HLA-DMA

Gene Alias: D6S222E, DMA, HLADM, RING6

Gene Summary: HLA-DMA belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta chain (DMB), both anchored in the membrane. It is located in intracellular vesicles. DM plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP molecule from the peptide binding site. 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 one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. [provided by RefSeq]