

Rabbit anti-Human, Rat HLA-DMA Polyclonal Antibody | anti-HLA-DMA antibody

HLA-DMA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328008	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

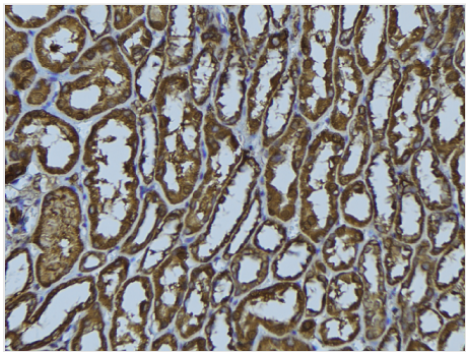
PRODUCT SYNONYMS

HLA-DMA; Polyclonal Antibody; HLA-DMA Antibody; Class II histocompatibility antigen M alpha chain; D6S222E; DMA; HLA class II histocompatibility antigen DM alpha chain; HLA DMA; HLADM; Major histocompatibility complex class II DM alpha; MHC class II antigen DMA; OTTHUMP00000029242; OTTHUMP00000062997; OTTHUMP00000178727; OTTHUMP00000178728; OTTHUMP00000178729; Really interesting new gene 6 protein; Ring 6; Ring6; anti-HLA-DMA antibody

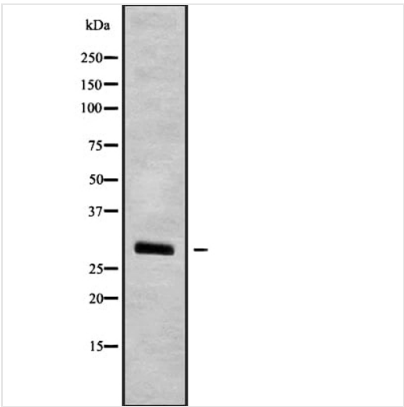
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HLA-DMA antibody detects endogenous levels of total HLA-DMA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-HLA-DMA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HLA-DMA
Subcellular Location	Late Endosome Membrane; Single-Pass Type I Membrane Protein. Lysosome Membrane; Single-Pass Type I Membrane Protein. Note: Localizes to late endocytic compartment. Associates with lysosome membranes.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328008 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of HLA-DMA using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DMA antibody	Function: Plays a critical role in catalyzing the release of class II-associated invariant chain peptide (CLIP) from newly synthesized MHC class II molecules and freeing the peptide binding site for acquisition of antigenic peptides. In B-cells, the interaction between HLA-DM and MHC class II molecules is regulated by HLA-DO. Subunit Structure: Heterodimer of an alpha chain (DMA) and a beta chain (DMB). Similarity: Belongs to the MHC class II family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	133158
NCBI GeneID	3108
UniProt Accession #	P28067; Q29639; Q29640
Molecular Weight	Observed: 29 kDa Predicted: 30 kDa
NCBI Official Full Name	HLA class II histocompatibility antigen, DM alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DM alpha
NCBI Official Symbol	HLA-DMA
NCBI Official Synonym Symbols	DMA; HLADM; RING6; D6S222E
NCBI Protein Information	HLA class II histocompatibility antigen, DM alpha chain
UniProt Protein Name	HLA class II histocompatibility antigen, DM alpha chain
UniProt Gene Name	HLA-DMA
UniProt Synonym Gene Names	DMA; RING6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.