

Rabbit anti-Human HLA DMB Polyclonal Antibody | anti-HLA-DMB antibody

Anti-HLA DMB antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44950	Rabbit	Human	Immunohistochemistry, Western Blot

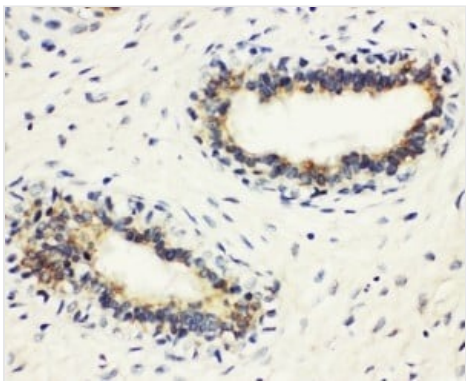
PRODUCT SYNONYMS

HLA DMB; Polyclonal Antibody; Anti-HLA DMB antibody; HLA class II histocompatibility antigen; DM beta chain; major histocompatibility complex; class II; DM beta; class II antigen HLA-DM beta chain antibody; class II histocompatibility antigen antibody; Class II histocompatibility antigen M beta chain antibody; D6S221E antibody; DMB antibody; HLA class II histocompatibility antigen DM beta chain antibody; HLA-DM histocompatibility type; beta chain antibody; M beta chain antibody; Major histocompatibility complex class II DM beta antibody; MHC class II antigen DMB antibody; MHC class II antigen HLA DM beta chain antibody; MHC class II HLA DMB antibody; OTTHUMP00000029257 antibody; Really interesting new gene 7 protein antibody; RING 7 antibody; RING7 antibody; anti-HLA-DMB antibody

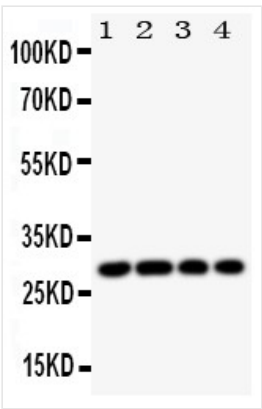
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	263
Applicable Applications for anti-HLA-DMB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human HLA DMB (81-100aa NQKDTLMQRLRNGLQNCATH).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-HLA DMB antibody, AAA44950, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-HLA DMB antibody, AAA44950, Western blottingAll lanes: Anti HLA DMB (AAA44950) at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: RAJI Whole Cell Lysate at 40ugLane 4: HUT Whole Cell Lysate at 40ugPredicted bind size: 29KDObserved bind size: 29KD

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DMB antibody	Description: Rabbit IgG polyclonal antibody for HLA class II histocompatibility antigen, DM beta chain(HLA-DMB) detection. Tested with WB, IHC-P in Human. Background: HLA-DMB(major histocompatibility complex, class II, DM beta), also known as D6S221E, RING7, HLA-DM histocompatibility type, beta chain, HLADMB or RING7, is a protein that in humans is encoded by the HLA-DMB gene. The HLA-DMB gene is mapped on 6p21.32. HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha(DMA) and a beta(DMB) chain, 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(class II-associated invariant chain peptide) molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells. The beta chain is approximately 26-28 kDa and its gene contains 6 exons. HLA-DMA and -DMB appear to encode subunits of a functional heterodimer that is critical in the pathway of class II antigen presentation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133160
NCBI GeneID	3109
UniProt Accession #	P28068; O77936; Q13012; Q29751; Q58ZE2; Q5SNZ8; Q5STC4; Q9XRX2
Molecular Weight	28,943 Da
NCBI Official Full Name	HLA class II histocompatibility antigen, DM beta chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DM beta
NCBI Official Symbol	HLA-DMB
NCBI Official Synonym Symbols	RING7; D6S221E
NCBI Protein Information	HLA class II histocompatibility antigen, DM beta chain; MHC class II HLA-DMB; MHC class II antigen DMB; really interesting new gene 7 protein; MHC class II antigen HLA-DM beta chain; class II histocompatibility antigen, M beta chain
UniProt Protein Name	HLA class II histocompatibility antigen, DM beta chain
UniProt Gene Name	HLA-DMB
UniProt Synonym Gene Names	DMB; RING7
UniProt Entry Name	DMB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-dmb-antibody-immunohistochemistry-western-blot-elisa/44950>