

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

HLA-DMB Polyclonal Antibody

CATALOG # AAA280342	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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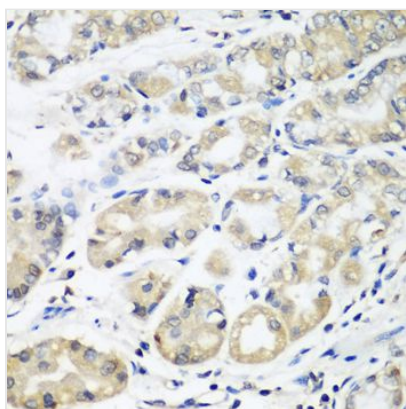
PRODUCT SYNONYMS

HLA-DMB; Polyclonal Antibody; HLA-DMB Polyclonal Antibody; anti-HLA-DMB antibody

PRODUCT SPECIFICATIONS

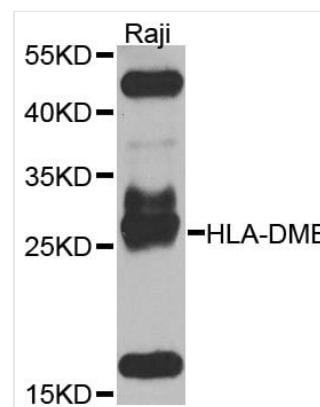
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	263
Applicable Applications for anti-HLA-DMB antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HLA-DMB
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using HLA-DMB antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of Raji cells, using HLA-DMB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DMB antibody	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 (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301129275
NCBI GeneID	3109
NCBI Accession #	NP_002109.2
NCBI GenBank Nucleotide #	NM_002118.4
UniProt Accession #	P28068; O77936; Q13012; Q29751; Q58ZE2; Q5SNZ8; Q5STC4; Q9XRX2
Molecular Weight	29kDa
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
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-western-blot-elisa/280342>