

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

HLA-DMB antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305830	Rabbit	Human	Immunohistochemistry, Western Blot

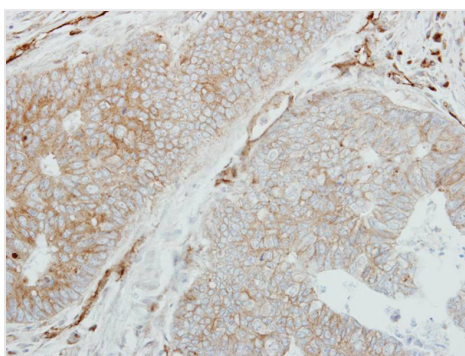
PRODUCT SYNONYMS

HLA-DMB; Polyclonal Antibody; HLA-DMB antibody; RING7; D6S221E; anti-HLA-DMB antibody

PRODUCT SPECIFICATIONS

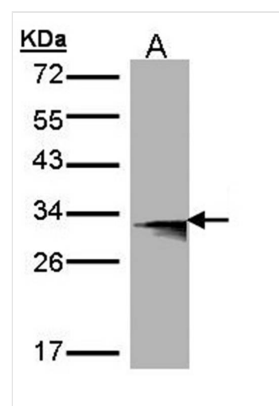
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	263
Applicable Applications for anti-HLA-DMB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 199 and 263 of Human HLA-DMB
Target Name	HLA-DMB
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Colon ca, using HLA-DMB antibody at 1: 250 dilution.



WB (Western Blot)

Western Blot analysis of HLA-DMB expression in transfected 293T cell line by HLA-DMB polyclonal antibody. A: Non-transfected lysate. B: HLA-DMB transfected lysate. 12% SDS PAGE Primary antibody diluted at 1: 500

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. [provided by RefSeq]
Product Categories/Family for anti-HLA-DMB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	301129275
NCBI GeneID	3109
NCBI Accession #	NP_002109
NCBI GenBank Nucleotide #	NM_002118.4
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
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://www.aaabiotech.com/polyclonal/hla-dmb-antibody-immunohistochemistry-western-blot-elisa/305830>