

Rabbit HLA DMB Polyclonal Antibody | anti-HLA DMB antibody

HLA DMB antibody

CATALOG # AAA107615	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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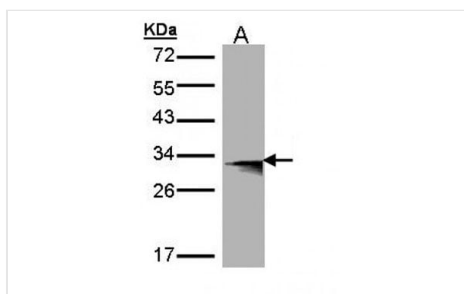
PRODUCT SYNONYMS

HLA DMB; Polyclonal Antibody; HLA DMB antibody; Polyclonal HLA DMB; Anti-HLA DMB; class II histocompatibility antigen M beta chain; really interesting new gene 7 protein; RING7; MHC class II antigen HLA-DM beta chain; HLA-DMB; D6S221E; MHC class II HLA-DMB; HLA class II histocompatibility antigen DM beta chain; anti-HLA DMB antibody

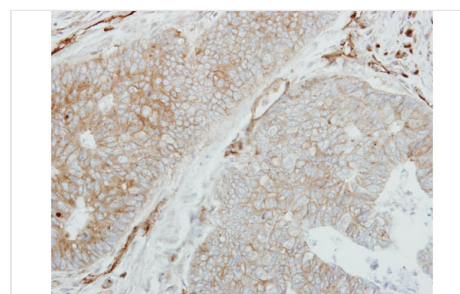
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	HLA DMB antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-HLA DMB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta 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 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. 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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of A:Non-transfected lysate; B:HLA-DMB transfected lysate using a 12 % SDS PAGE gel and HLA DMB antibody at a dilution of 1:500


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Colon ca using HLA DMB antibody at a dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-HLA DMB antibody	Affinity purified Rabbit polyclonal HLA DMB antibody
Product Categories/Family for anti-HLA DMB antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	29 kDa
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-dmb-antibody-western-blot-immunohistochemistry-elisa/107615>