

HLA-DMB antibody

Catalog No: #22356

Package Size: #22356 100ul

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Description

Product Name	HLA-DMB antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 199 and 263 of Human HLA-DMB
Conjugates	Unconjugated
Target Name	HLA-DMB
Other Names	RING7; D6S221E
Accession No.	Swiss-Prot:P28068Gene ID:3109
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

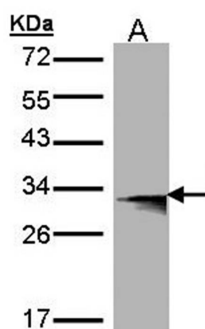
Application Details

Predicted MW: 29kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images



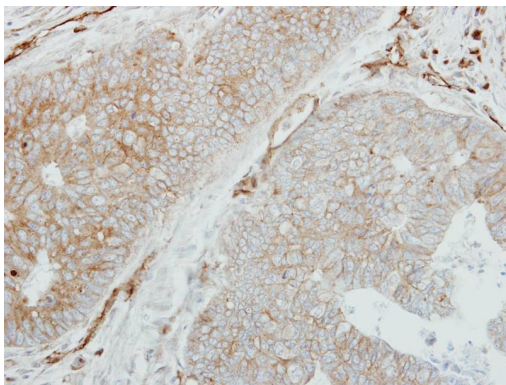
Western Blot analysis of HLA-DMB expression in transfected 293T cell line by HLA-DMB polyclonal antibody.

A: Non-transfected lysate.

B: HLA-DMB transfected lysate.

12% SDS PAGE

Primary antibody diluted at 1: 500



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

Background

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]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.