

CAB0948

Product Information

Product SKU:	CAB0948	Gene ID:	3109	Size:	20uL, 100uL
Clone No:	ARC2555	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	29kDa	Conjugate:	Unmodified
Calculated MW:	29kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: RING7; D6S221E; HLA-DMB

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HLA-DMB (P28068).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.