

Anti-Human HLA-DMB Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04972**

3th Edition

Description:HLA-DMB (Major Histocompatibility Complex, Class II, DM Beta) is a Protein Coding gene. Diseases associated with HLA-DMB include Red-Green Color Blindness and Red Color Blindness. Among its related pathways are ICos-ICosL Pathway in T-Helper Cell and CTLA4 Signaling. GO annotations related to this gene include MHC class II protein complex binding. An important paralog of this gene is ENSG00000248993.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.

Antigen:Synthetic peptide from human protein

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: