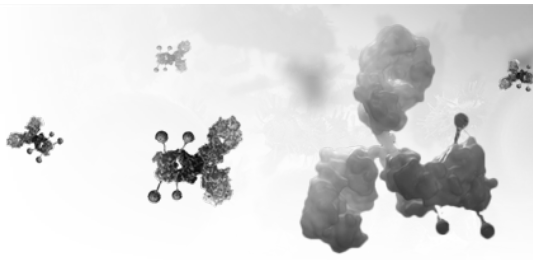

Anti-HMGN2P11 (aa 76-250) polyclonal antibody (DPABH-01908)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	HLA Class II DRB3 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. 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. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB3 is linked with allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9.
Immunogen	Recombinant fragment, corresponding to a region within amino acids 76-250 of Human HLA Class II DRB3 (AAH01023).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid

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Size	50 µl
Buffer	pH: 7.00; Constituents: 78.99% PBS, 20% Glycerol, 1% BSA
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	HMGN2P11 high mobility group nucleosomal binding domain 2 pseudogene 12 [Homo sapiens]
Official Symbol	HMGN2P11
Synonyms	HMGN2P11; high mobility group nucleosomal binding domain 2 pseudogene 11; 28H; HMG17P1; HMGN2L11;
Entrez Gene ID	3152

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