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HLA-DRA Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6799b

Product Information

Application	WB, FC, E
Primary Accession	P01903
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19527
Antigen Region	149-177

Additional Information

Other Names	HLA class II histocompatibility antigen, DR alpha chain, MHC class II antigen DRA, HLA-DRA, HLA-DRA1
Target/Specificity	This HLA-DRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-177 amino acids from the C-terminal region of human HLA-DRA.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HLA-DRA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

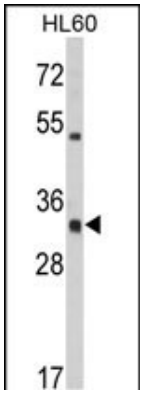
Background

HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta 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).

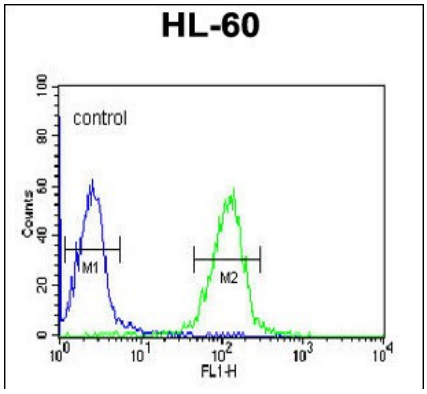
References

De Jager, et.al., Nat. Genet. 41 (7), 776-782 (2009)

Images



Western blot analysis of HLA-DRA Antibody (C-term) (Cat. #AP6799b) in HL60 cell line lysates (35ug/lane). HLA-DRA (arrow) was detected using the purified Pab.



HLA-DRA Antibody (C-term) (Cat. #AP6799b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.