

## Product datasheet for **AP17467PU-N**

### HLA-DRA (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	Western blot: 1:1000. Peptide ELISA: 1:1,000. Flow cytometry: 1:10 - 1:50.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 149-177 amino acids from the C-terminal region of human HLA-DRA.
Specificity:	This antibody detects HLA-DRA at C-term.
Formulation:	PBS with 0.44% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	major histocompatibility complex, class II, DR alpha
Database Link:	<a href="#">Entrez Gene 3122 Human P01903</a>
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).
Synonyms:	HLA-DRA1, MHC class II antigen DRA



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**Note:** Molecular weight: 28607 Da

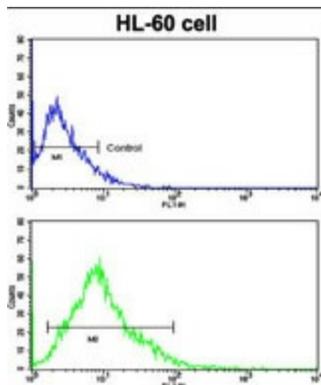
**Protein Families:** Transmembrane

**Protein Pathways:** Allograft rejection, Antigen processing and presentation, Asthma, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Hematopoietic cell lineage, Systemic lupus erythematosus, Type I diabetes mellitus, Viral myocarditis

**Product images:**



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



Flow cytometric analysis of HL-60 cells using HLA-DRA Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.