

Rabbit anti-Human HLA-DP Monoclonal Antibody | anti-HLA-DP antibody

HLA-DP (MHC II)

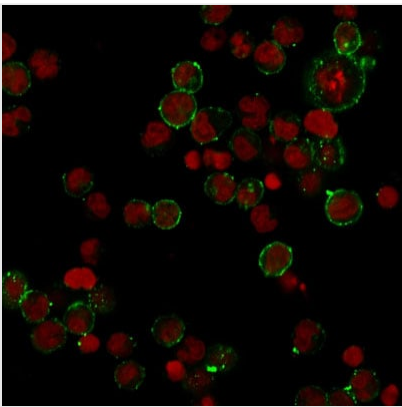
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214757	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

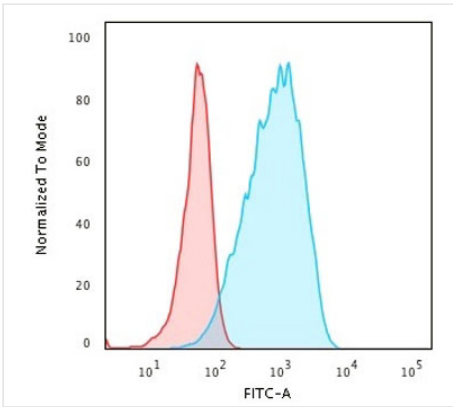
HLA-DP; Monoclonal Antibody; HLA-DP (MHC II); HLA class II histocompatibility antigen DP alpha 1 chain; HLA DP1A; HLA SB alpha chain; HLADP; HLADPA1; HLASB; HLASB histocompatibility type; Human MHC class II HLA SB alpha; Major histocompatibility complex class II DP alpha 1; MHC class II DP3 alpha; MHC class II DPA1; PLT1; Primed lymphocyte test 1; anti-HLA-DP antibody

PRODUCT SPECIFICATIONS

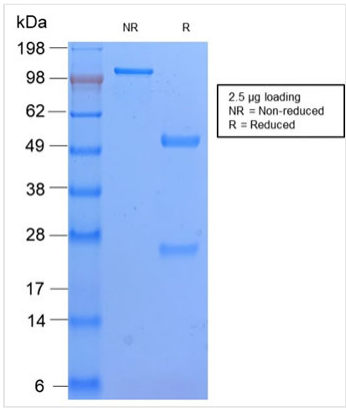
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	HLA-DPB1/2862R
Specificity	Recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are transmembrane glycoproteins of non-covalently linked alpha (33-35kDa) and beta (27-30kDa) chains. It reportedly reacts with B- & non-T, non-B cell lines but not with T- and myeloid cell lines and leukemias. Differential expression of MHC class II antigens on fetal and adult lymphocytes, malignant B cells appears to reflect the stage of cell differentiation which may be useful in the study of lymphoproliferative disorders.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	258
Applicable Applications for anti-HLA-DP antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Non-T, non-B human acute lymphoblastic leukemia REH6 cell line
Positive Control	Raji Cells. Tonsil or Lymph Node
Cellular Localization	Cell Surface
Chromosome Location	6p21.3
Positive Control	Raji cells. Tonsil or lymph node.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



IF (Immunofluorescence)
Immunofluorescence Analysis of Human Raji cells labeling HLA-DP with HLA-DP Rabbit Recombinant Monoclonal (HLA-DPB1/2862R) followed by Goat anti-rabbit IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of Raji cells HLA-DP Rabbit Recombinant Monoclonal Antibody (HLA-DPB1/2862R) followed by goat anti-Rabbit IgG-CF488 (Blue); Isotype Control (Red).



SDS-PAGE
SDS-PAGE Analysis Purified HLA-DP Rabbit Recombinant Monoclonal Ab (HLA-DPB1/2862R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DP antibody	Recombinant Rabbit Monoclonal Antibody
References	Babusikova O., et al. Neoplasma, 1985, 32(6):657-62.; Polakova K., et al. Neoplasma, 1985, 32(6):641-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797076
NCBI GeneID	3115
NCBI Accession #	NP_002112.3
NCBI GenBank Nucleotide #	NM_002121.5
UniProt Accession #	P04440; A0PFJ7; A5I886; A8YPB3; B5U8B4; B7VF80; B7VF87; B8ZX68; B8ZYT0; B9W5S8; B9W6F7; B9W6F9
Molecular Weight	33-35kDa
NCBI Official Full Name	HLA class II histocompatibility antigen, DP beta 1 chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DP beta 1
NCBI Official Symbol	HLA-DPB1

NCBI Official Synonym Symbols	DPB1; HLA-DP; HLA-DPB; HLA-DP1B
NCBI Protein Information	HLA class II histocompatibility antigen, DP beta 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DP beta 1 chain
UniProt Gene Name	HLA-DPB1
UniProt Synonym Gene Names	HLA-DP1B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hla-dp-antibody-clone-hla-dpb1-2862r-immunofluorescence-flow-cytometry-elisa/214757>