

Rabbit anti-Human HLA-DR Polyclonal Antibody | anti-HLA-DR antibody

Anti-HLA-DR Antibody, Rabbit Polyclonal

CATALOG # AAA254284	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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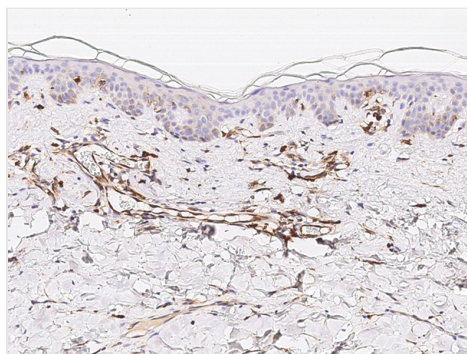
PRODUCT SYNONYMS

HLA-DR; Polyclonal Antibody; Anti-HLA-DR Antibody; Rabbit Polyclonal; HLA-DR Antibody; Rabbit PAb; Antigen Affinity Purified; anti-HLA-DR antibody

PRODUCT SPECIFICATIONS

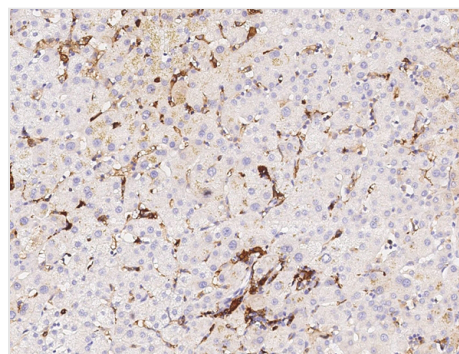
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human HLA-DR
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-HLA-DR antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human HLA-DR
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human HLA-DR, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human HLA-DR in human skin with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human HLA-DR in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DR antibody	HLA-DR is a major histocompatibility complex (MHC) class II antigen presentation molecule, critical for the activation of lymphocytes and the orchestration of adaptive immune responses. HLA-DR is normally expressed on antigen-presenting cells including monocytes, macrophages, dendritic cells and B cells, but expression can be induced on epithelial cells and tumour cells in response to inflammatory conditions. MHC class II antigen presentation molecules are responsible for presentation of exogenous antigens to CD4+ helper T cells. HLA-DR expression in tumours has been positively associated with enhanced lymphocytic infiltration. HLA-DR has been used as a surrogate marker of immune competence in various clinical studies, and its loss in circulation has been linked with susceptibility to post-surgical infection and sepsis.
References	Dunne MR, et al. (2020) Characterising the prognostic potential of hla-dr during colorectal cancer development. Cancer Immunol Immunother 69 (8): 1577-1588.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122206
NCBI GeneID	3122
UniProt Accession #	P01903; Q30160; Q6IAZ1; Q861I2; Q9TP70; A2BET4
Molecular Weight	254
NCBI Official Full Name	HLA class II histocompatibility antigen, DR alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DR alpha
NCBI Official Symbol	HLA-DRA
NCBI Official Synonym Symbols	MLRW; HLA-DRA1
NCBI Protein Information	HLA class II histocompatibility antigen, DR alpha chain; MHC class II antigen DRA; MHC cell surface glycoprotein; histocompatibility antigen HLA-DR alpha
UniProt Protein Name	HLA class II histocompatibility antigen, DR alpha chain
UniProt Gene Name	HLA-DRA
UniProt Synonym Gene Names	HLA-DRA1
UniProt Entry Name	DRA_HUMAN

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/polyclonal/hla-dr-antibody-immunohistochemistry-elisa/254284>