

Anti-HLA-DQA1 antibody (155-254) [S5MR] (STJ11101305)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

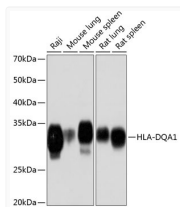
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 28kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

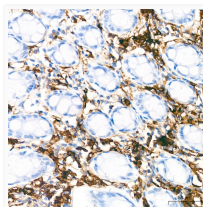
Gene ID	3117
Gene Symbol	HLA-DQA1
UniProt ID	DQA1_HUMAN
Immunogen Region	155-254
Immunogen Sequence	EGVSETSFLSKSDHSFFKIS YLTLPLSAEESYDCKVEHWG LDKPLLKHWEPEIPAPMSEL TETVVCALGLSVGLVIVVG TVFIIRGLRSV GASRHQGPL
Specificity	A synthetic peptide corresponding to a sequence within amino acids 155-254 of human HLA-DQA1 (P01909).

ADDITIONAL INFORMATION

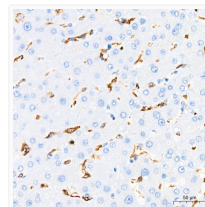
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



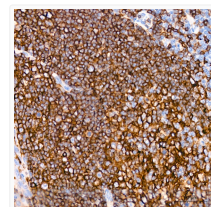
Western blot analysis of extracts of various cell lines, using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



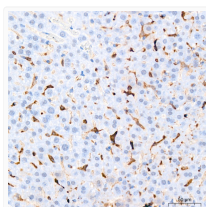
Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded human colon tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



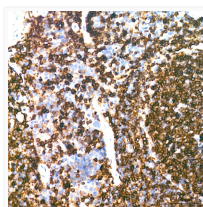
Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded human liver tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



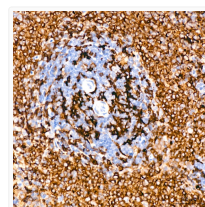
Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded human tonsil tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded mouse liver tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded mouse spleen tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of HLA-DQA1 in paraffin-embedded rat spleen tissue using HLA-DQA1 rabbit monoclonal antibody (STJ11101305) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.