



Anti-HLA-DQA1 monoclonal antibody, clone SPV-L3 (CABT-48797MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product reacts with a monomorphic determinant of human class II HLA DQ molecules and strongly blocks cytotoxicity. Distribution studies suggest that it is directed against DQ rather than DR antigens. Clone SPV-L3 has been reported to inhibit the activity of cytotoxic T cell clones.
Specificity	HLA DQ
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human, Pig
Clone	SPV-L3
Conjugate	Unconjugated
Applications	IHC-Fr; FC; FA; IP
Format	Purified IgG - liquid
Size	200 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	HLA-DQA1 major histocompatibility complex, class II, DQ alpha 1 [Homo sapiens (human)]
Official Symbol	HLA-DQA1
Synonyms	HLA-DQA1; major histocompatibility complex, class II, DQ alpha 1; CD; GSE; DQ-A1; CELIAC1; HLA-DQA; HLA class II histocompatibility antigen, DQ alpha 1 chain; HLA-DCA; DC-alpha; DC-1 alpha chain; MHC HLA-DQ alpha; MHC class II DQA1; MHC class II antigen;
Entrez Gene ID	3117
Protein Refseq	NP_002113
UniProt ID	P01906
Chromosome Location	6p21.3
Pathway	Adaptive Immune System; Allograft Rejection; Allograft rejection; Antigen processing and presentation; Asthma; Autoimmune thyroid disease; Cell adhesion molecules (CAMs); Costimulation by the CD28 family;
Function	MHC class II receptor activity; peptide antigen binding;