

Mouse anti-Chicken MHC Class II Monoclonal Antibody | anti-HLA-DQB1 antibody

Mouse Anti-Chicken MHC Class II-PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78706	Mouse	Chicken	Immunoprecipitation, Immunohistochemistry, Immunoblot, Western Blot, Flow Cytometry, Functional Assay

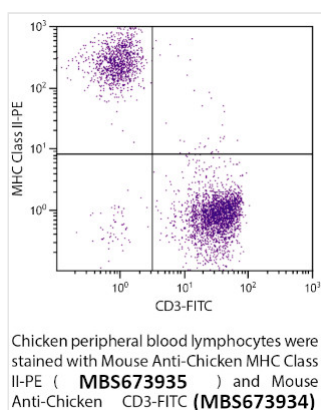
PRODUCT SYNONYMS

MHC Class II; Monoclonal Antibody; Mouse Anti-Chicken MHC Class II-PE; Mouse Anti-Chicken MHC Class II - Phycoerythrin-Labeled; Mouse Anti-Chicken MHC Class II; anti-HLA-DQB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Chicken
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Clone Number	2G11
Specificity	Chicken MHC Class II (B-L) molecules
Form/Format	The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
Sequence Length	229
Applicable Applications for anti-HLA-DQB1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IB (Immunoblot), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 2- 8°C.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DQB1 antibody	The chicken major histocompatibility complex (MHC), or B complex, consists of several clusters of highly polymorphic genes. Like their mammalian counterparts, the avian MHC exerts genetic influence over a variety of important biological functions such as immune response, disease resistance, growth and development, aging, and reproduction. Chicken MHC Class II genes, also known as the B-L subregion, of the chicken MHC encode cell surface glycoproteins that are homologous to mammalian Class II antigens. B-L antigens structurally are similar to mammalian Class II molecules in that they are noncovalently bound dimmers of one 32-34 kDa heavy chain and one 27-30 kDa light chain. MHC Class II is primarily expressed on B cells and antigen presenting cells (APCs).
References	- Guillemot, F., P. Turmal, D. Charron, M. Le Douarin, and C. Auffray. 1986. J. Immunol. 137:1251. - Lawson, S., L. Rothwell, B. Lambrecht, K. Howes, K. Venugopal, and P. Kaiser. 2001. Dev. Comp. Immunol. 25:69. - Koritschoner, N.P., J. Madruga, S. Knespel, G. Blendinger, B. Anzinger, A. Otto, M. Zenke, and P. Bartunek. 2001. Cell Growth Differ. 12:563. - Katevuo, K., and O. Vainio. 1996. Immunol. 89:419. - Madruga, J., N. Koritschoner, S.S. Diebold, S.M. Kurz, and M. Zenke. 1999. J. Cell Sci. 112:1685. - Salomonsen, J., D. Dunon, K. Skjodt, D. Thorpe, O. Vainio, and J. Kaufman. 1991. Proc. Natl. Acad. Sci. USA. 88:1359. - Kaufman, J., K.Skjoedt, J. Salomonsen, M. Simonsen, L. Du Pasquier, R. Parisot, and P. Riegert. 1990. J. Immunol. 144:2258.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1160938
NCBI GeneID	3119
UniProt Accession #	O19707; O19506; O19632; O19709; O19710; O19711; O19712; O19714; O19715; A0AQY9
NCBI Official Full Name	MHC class II
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DQ beta 1
NCBI Official Symbol	HLA-DQB1
NCBI Official Synonym Symbols	IDDM1; CELIAC1; HLA-DQB
NCBI Protein Information	HLA class II histocompatibility antigen, DQ beta 1 chain; MHC DQ beta; MHC class2 antigen; OTTHUMP00000029167; OTTHUMP00000178569; OTTHUMP00000178570; OTTHUMP00000178571; lymphocyte antigen; MHC class II antigen DQB1; MHC class II DQ beta chain; MHC class II antigen HLA-DQ-beta-1; MHC class II HLA-DQ beta glycoprotein; major histocompatibility complex class II beta; HLA class II histocompatibility antigen, DQ beta 1 chain-like
UniProt Protein Name	MHC class II HLA-DQ-beta-1
UniProt Gene Name	HLA-DQB1
UniProt Entry Name	O19707_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.