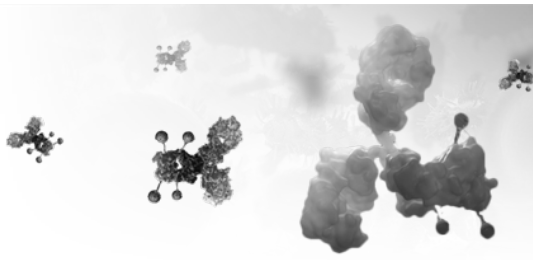

Mouse Anti-Chicken BLB1 Monoclonal Antibody, clone 3H22 (CABT-L322M)

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

PRODUCT INFORMATION

Specificity	Chicken/Pigeon/Caiman MHC class II β-chain
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Chicken, Pigeon, Caiman
Clone	3H22
Purification	Purified
Conjugate	Unconjugated
Applications	FC, IHC, EM, IP Recommended concentration: FC: <1 µg/10^6 cells
Format	Liquid
Concentration	Lot specific
Size	500 µg
Buffer	Borate buffered saline, pH 8.2.
Preservative	None
Storage	Store at 2-8 °C.
Ship	Wet ice

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BACKGROUND

Introduction	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 are structurally similar to mammalian Class II molecules in that they are noncovalently bound dimers of one heavy chain and one light chain. MHC Class II is primarily expressed on B cells and antigen presenting cells (APCs).
Keywords	B-L;MHC Class II;BLB2;B-LB21;B-LBII;MHC class II antigen B-F minor heavy chain

GENE INFORMATION

Entrez Gene ID	724083
UniProt ID	Q31413

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