

Mouse CD8 ALPHA Monoclonal Antibody | anti-CD8 ALPHA antibody

MOUSE ANTI DUCK CD8 ALPHA

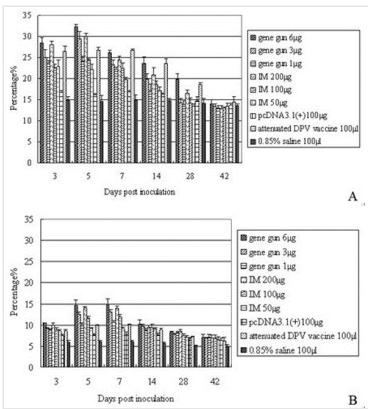
CATALOG # AAA49383	HOST Mouse	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD8 ALPHA; Monoclonal Antibody; MOUSE ANTI DUCK CD8 ALPHA; anti-CD8 ALPHA antibody

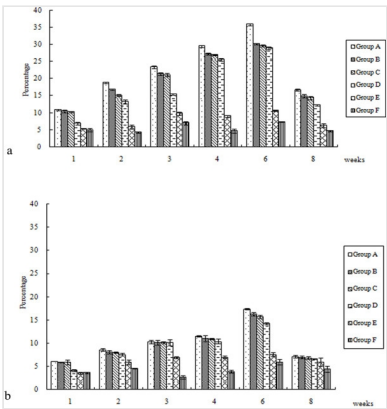
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	Du CD8-1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	236
Applicable Applications for anti-CD8 ALPHA antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Duck
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data

Published customer image: T lymphocytes in PBLs following DPV gC DNA vaccination. 3, 5, 7, 14, 28, 42 days after vaccination, the isolated PBLs were stained with monoclonal antibodies against duck CD4 (A), and CD8 (B). The results presented are the mean of all specimens of each group +/- SD.From: Lian B, Cheng A, Wang M, Zhu D, Luo Q, Jia R, Liu F, Han X, Chen X. Induction of immune responses in ducks with a DNA vaccine encoding duck plague virus glycoprotein C. Virol J. 2011 May 10;8:214.



Application Data

Published customer image:T lymphocytes in PBL following DEV UL24 DNA vaccination. 1, 2, 3, 4, 6, 8weeks after vaccination, the isolated PBL were stained with monoclonal antibodies against duck CD4 (A) and CD8 (B). The results presented are the mean of all specimens of each group. Statistical significance was determined using a student'st-test.From: Yu X, Jia R, Huang J, Shu B, Zhu D, Liu Q, Gao X, Lin M, Yin Z, Wang M, Chen S, Wang Y, Chen X, Cheng A. Attenuated Salmonella typhimurium delivering DNA vaccine encoding duck enteritis virus UL24 induced systemic and mucosal immune responses and conferred good protection against challenge. Vet Res. 2012 Jul 6;43:56.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 ALPHA antibody	Mouse anti Duck CD8 alpha antibody, clone Du CD8-1 recognizes Pekin duck CD8 alpha (CD8a). CD8a is shown to be expressed by thymocytes, splenocytes, peripheral lymphoid cells and the vast majority of bursal cells. Since the majority of avian immune studies have been carried out on chickens, relatively little is known about the immune system of ducks, though there is a resemblance between the main lymphoid organs: the spleen, thymus and bursa of Fabricius. At the cellular level, studies have shown that like mammalian T cells, duck lymphocytes are responsive to phytohaemagglutinin (PHA). Double-staining with clone Du CD8-1 and MBS212831 Mouse anti Duck IgY light chain clone 14A3 revealed the presence of a CD8high /14A3- cytotoxic T cell population and a CD8low/14A3+ B cell population in duck spleen and also revealed a high percentage of CD8+/14A3+ cells in duck bursa (Kothlow et al. 1985). Mouse anti Duck CD8 alpha antibody, clone Du CD8-1 has been shown to not react with Mallard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	381356291
Molecular Weight	26,356 Da
NCBI Official Full Name	CD8 alpha
UniProt Protein Name	CD8 alpha
UniProt Entry Name	J7FA90_9AVES

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd8-alpha-antibody-clone-du-cd8-1-immunoprecipitation-flow-cytometry-elisa/49383>