

Mouse CD4 Monoclonal Antibody | anti-CD4 antibody

Mouse Anti Chicken CD4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50338	Mouse	Chicken, Turkey	Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD4; Monoclonal Antibody; Mouse Anti Chicken CD4; CD4 antibody (2-35); anti-CD4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Chicken, Turkey
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2-35
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-CD4 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Chicken embryonic thymocytes
Carrier Free	Yes
Fusion Partners	Lymph node cells from immunised Balb/c mice were fused with cells of the SP2/0 myeloma cell line.
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. 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.

IMAGES



Application Data

Figure A. FITC conjugated Mouse anti Chicken CD8 and Mouse IgG2b isotype control conjugated with Rabbit F(ab')₂ anti Mouse IgG:RPE . Figure B. Mouse anti Chicken CD4 conjugated with Rabbit F(ab')₂ anti Mouse IgG:RPE and FITC conjugated Mouse anti Chicken CD8 . All experiments performed on peripheral blood mononuclear cells extracted from whole chicken blood gated on lymphocytes. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. FITC conjugated Mouse anti Chicken CD8 and RPE conjugated Mouse IgG2b isotype control . Figure B. FITC conjugated Mouse anti Chicken CD8 and RPE conjugated Mouse anti Chicken CD4 . All experiments performed on peripheral blood mononuclear cells extracted from whole chicken blood gated on lymphocytes. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. RPE conjugated Mouse anti Chicken CD8 and FITC conjugated Mouse IgG2b isotype control . Figure B. PE conjugated Mouse anti Chicken CD8 and FITC conjugated Mouse anti Chicken CD4 . All experiments performed on peripheral blood mononuclear cells extracted from whole chicken blood gated on lymphocytes. Data acquired on the ZE5 Cell Analyzer.

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody	Mouse anti Chicken CD4, clone 2-35 recognizes the chicken homologue of human CD4, a ~64 kDa cell surface protein expressed by thymocytes and a subset of T cells (Luhtala et al. 1993). Mouse anti Chicken CD4, clone 2-35 has been demonstrated to recognize turkey CD4 (Li et al. 1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4539032
NCBI GeneID	395362
UniProt Accession #	Q9W6V7
NCBI Official Full Name	CD4
NCBI Official Synonym Full Names	CD4 molecule
NCBI Official Symbol	CD4
NCBI Protein Information	T-cell surface glycoprotein CD4
UniProt Protein Name	CD4
UniProt Gene Name	CD4

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd4-antibody-clone-2-35-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/50338>