

Mouse CD25 Monoclonal Antibody | anti-CD25 antibody

MOUSE ANTI CHICKEN CD25

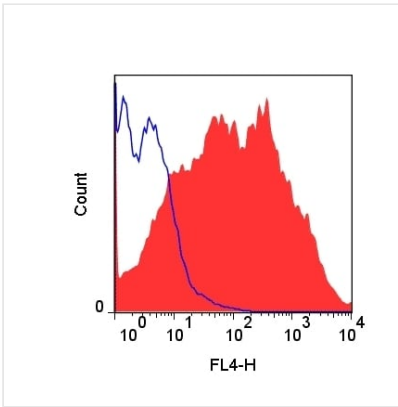
CATALOG # AAA50217	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

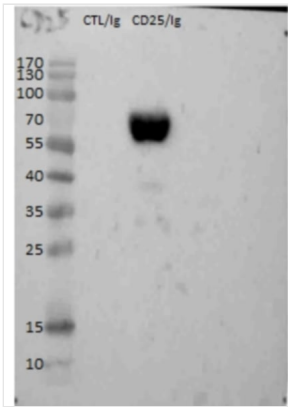
CD25; Monoclonal Antibody; MOUSE ANTI CHICKEN CD25; anti-CD25 antibody

PRODUCT SPECIFICATIONS

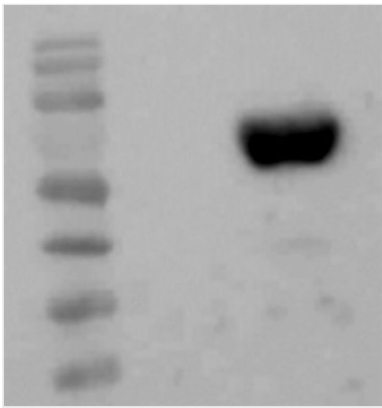
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AV142
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	211
Applicable Applications for anti-CD25 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Perservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Chicken CD25/hulg fusion protein
Buffer Solution	Phosphate buffered saline
Target Species	Chicken
Fusion Partners	Spleen cells from immunized Balb/c mice were fused with cells of the Sp2/0 Ag14 Myeloma cell line.
Preparation and Storage	It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.



Application Data
Staining of ConA-stimulated chicken splenocytes with Mouse anti Chicken CD25 (AV142) conjugated with Alexa fluor-647(Image courtesy of the Roslin Institute).



Application Data
Western blot analysis of chicken CD25/hulg fusion protein with Mouse anti Chicken CD25 (AV142). Recombinant hulg was used as negative control (Image courtesy of the Roslin Institute).



Application Data
ELISA analysis of recombinant chicken CD25 (supernatant from transfected COS cells, 1/3 dilution) with Mouse anti Chicken CD25 antibody (AV142). Supernatant from mock-transfected COS cells was used as negative control (Image courtesy of the Roslin Institute).

ADDITIONAL INFORMATION

Related Product Information for anti-CD25 antibody	Mouse anti Chicken CD25 monoclonal antibody, clone AV142 specifically recognizes CD25, the chicken IL-2 Receptor alpha chain (IL-2Ralpha) which has been identified as the chicken homologue of human CD25 and is cited as ChCD25 in published literature. Chicken IL-2Ralpha is a cell surface antigen expressed by activated T-lymphocytes, monocytes/macrophages and thrombocytes. Studies have demonstrated that CD4+ve/CD25+ve and CD8+ve/CD25+ve cells are up-regulated following infection with avian influenza virus (H9N2) and may therefore have an important role in the immune response to avian influenza virus infection. Chicken IL-2Ralpha is the low affinity receptor for Interleukin-2. Clone AV142 is one of a range of antibodies that have been developed by the Roslin Institute as part of the Avian immunology toolbox project. In addition to this anti chicken CD25 antibody, other antibodies to chicken CD antigens and cytokines from this project are now available from AAA Biotech.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382989
NCBI GeneID	395294
NCBI Accession #	NP_989927.1
NCBI GenBank Nucleotide #	NM_204596.1
NCBI Official Full Name	interleukin 2 receptor, alpha
NCBI Official Synonym Full Names	interleukin 2 receptor, alpha

NCBI Official Symbol	IL2RA
NCBI Protein Information	interleukin 2 receptor, alpha; IL-2 alpha receptor; IL2 receptor alpha; interleukin-2 alpha receptor

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/cd25-antibody-clone-av142-western-blot-flow-cytometry-elisa/50217>