

Mouse anti-Pig CD8 alpha Monoclonal Antibody | anti-CD8 alpha antibody

Mouse Anti Pig CD8 alpha: FITC

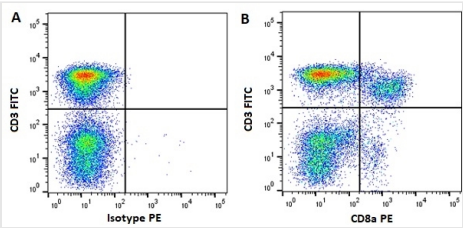
CATALOG # AAA50362	HOST Mouse	REACTIVITY Pig	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD8 alpha; Monoclonal Antibody; Mouse Anti Pig CD8 alpha: FITC; CD8 Alpha antibody (11/295/33); Mouse anti Pig CD8 Alpha; anti-CD8 alpha antibody

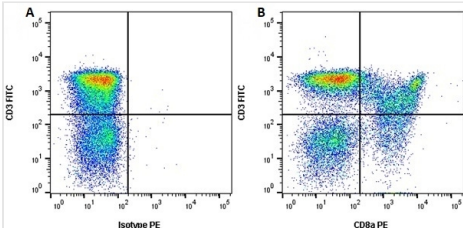
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Pig
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	11/295/33
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Form/Format	Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	236
Applicable Applications for anti-CD8 alpha antibody	FCM/FACS (Flow Cytometry)
Immunogen	Porcine lymphocytes
Conjugation	FITC
Carrier Free	Yes
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.



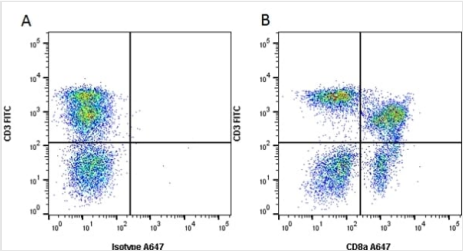
Application Data

Figure A. FITC conjugated Mouse anti Pig CD3 and RPE conjugated Mouse IgG2a isotype control . Figure B. FITC conjugated Mouse anti Pig CD3 and RPE conjugated Mouse anti Pig CD8 alpha . All experiments performed on porcine blood gated on live single cell lymphocytes in the presence of 10% pig serum. Data acquired on the ZE5 Cell Analyzer.



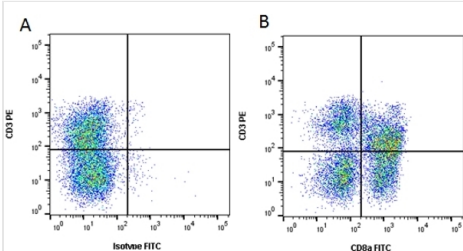
Application Data

Figure A. FITC conjugated Mouse anti Pig CD3 and Mouse IgG2a isotype control detected with Goat anti Mouse IgG2a:RPE . Figure B. FITC conjugated Mouse anti Pig CD3 and Mouse anti Pig CD8 alpha detected with Goat anti Mouse IgG2a:RPE . All experiments performed on red cell lysed porcine blood gated on live single cell lymphocytes. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. FITC conjugated Mouse anti Pig CD3 and Alexa Fluor 647 conjugated Mouse IgG2a isotype control . Figure B. FITC conjugated Mouse anti Pig CD3 and Alexa Fluor 647 conjugated Mouse anti Pig CD8 alpha . All experiments performed on porcine blood gated on live single cell lymphocytes in the presence of 10% pig serum. Data acquired on the ZE5 Cell Analyzer.



Application Data

Figure A. RPE conjugated Mouse anti Pig CD3 and FITC conjugated Mouse IgG2a isotype control . Figure B. RPE conjugated Mouse anti Pig CD3 and FITC conjugated Mouse anti Pig CD8 alpha . All experiments performed on porcine blood gated on live single cell lymphocytes in the presence of 10% pig serum. Data acquired on the ZE5 Cell Analyzer.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 alpha antibody	Mouse anti Pig CD8 alpha antibody, clone 11/295/33 recognizes an epitope on the alpha chain of porcine CD8. Clone 11/295/33 detects a different epitope from that bound by clone 76-2-11. In addition to thymocytes and cytotoxic T cells, CD8 alpha is expressed on porcine NK cells. Swine CD8 alpha+CD3- NK cells are divided into NKp46+ (CD335) and NKp46- cells. A further CD8 alpha dim/- NKp46 high NK cell population can be found in porcine spleen and liver (Mair et al. 2012, 2013). Pigs are also remarkable in having significant levels of peripheral CD4 CD8 double positive T cells (Saalmüller et al. 1987; Zuckermann 1999).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	381356291
NCBI Official Full Name	CD8 alpha

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/cd8-alpha-antibody-clone-11-295-33-flow-cytometry-elisa/50362>