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Datasheet for ABIN135479
anti-CD8 alpha antibody (PE)

2 Images

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Overview

Quantity:	0.1 mg
Target:	CD8 alpha (CD8A)
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD8 alpha antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Fresh dd miniature swine thymocytes
Clone:	76-2-11
Isotype:	IgG2a
Specificity:	Porcine CD8a, Mr 35 kDa
Characteristics:	Mouse Anti-Porcine CD8a-PE
Purification:	Protein A

Target Details

Target:	CD8 alpha (CD8A)
Alternative Name:	CD8a (CD8A Products)
Background:	Porcine CD8, a type I transmembrane glycoprotein, is expressed as either a CD8 homodimer or

Target Details

a CD8 heterodimer. It is found on most thymocytes, and on the suppressor/cytotoxic subpopulation of peripheral T cells. CD8 functions primarily as a co-receptor with MHC Class I-restricted T-cell receptors in antigen recognition.

Pathways: [TCR Signaling](#)

Application Details

Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IHC-PS - Reported in literature , IP - Reported in literature , Block - Reported in literature , Depletion - Reported in literature , CMCD - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT and AF488 conjugates 1 g/10⁶ cells PE, APC, and SPRD conjugates 0.2 g/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Comment: Cytotoxicity assays, In vivo depletion of CD8+ cells

Sample Volume: 1 mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Weise, Hilt, Milovanovic, Ernst, Ruehl, Worm: "Inhibition of IgE production by docosahexaenoic acid is mediated by direct interference with STAT6 and NFkappaB pathway in human B cells." in: **The Journal of nutritional biochemistry**, (2010) ([PubMed](#)).

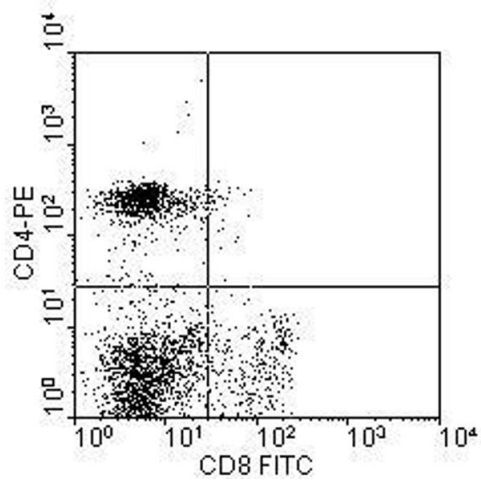
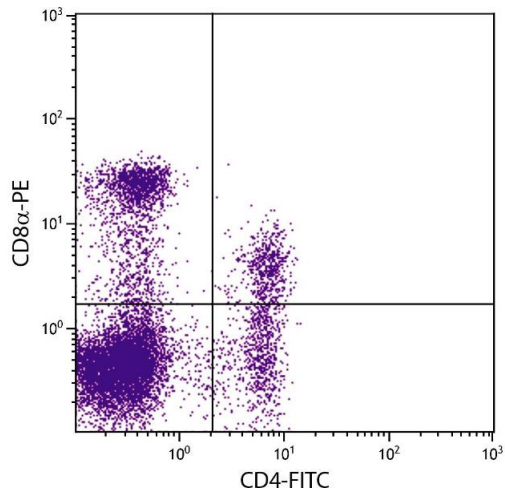


Image 1.



Flow Cytometry

Image 2. Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD8α-PE.