

Datasheet for ABIN135507
anti-CD3 antibody (PE)



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Overview

Quantity:	0.1 mg
Target:	CD3
Reactivity:	Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Chicken thymocytes and Ig- blood mononuclear cells
Clone:	CT-3
Isotype:	IgG1
Specificity:	Chicken/Pigeon CD3, Mr 20, 19 & 17 kDa
Characteristics:	Mouse Anti-Chicken CD3-PE

Target Details

Target:	CD3
Alternative Name:	CD3 (CD3 Products)
Background:	CD3 is a member of the T cell receptor-associated CD3 complex.
Pathways:	TCR Signaling, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	<ul style="list-style-type: none">• Applications: FC - Quality tested , IHC-FS - Reported in literature , IHC-PS - Reported in literature , IP - Reported in literature , Stim - Reported in literature• Working Dilutions: Flow Cytometry FITC, BIOT, AF488, and PACBLU conjugates 1 g/106 cells PE conjugate 0.3 g/106 cells SPRD conjugate 0.2 g/106 cells AF700, AF647, and APC conjugates 0.1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
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Comment:	In vitro depletion of CD3+ cells, In vivo activation of T cells
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Sample Volume:	1 mL
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Restrictions:	For Research Use only
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Handling

Concentration:	0.1 mg/mL
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Buffer:	0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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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.
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Storage:	4 °C
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Storage Comment:	Store at 2-8°C
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Publications

Product cited in:	Boo, Tan, Alitheen, Ho, Omar, Yeap: "Identification of Reference Genes in Chicken Intraepithelial Lymphocyte Natural Killer Cells Infected with Very-virulent Infectious Bursal Disease Virus." in: Scientific reports , Vol. 10, Issue 1, pp. 8561, (2020) (PubMed).
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Reemers, van Haarlem, Sijts, Vervelde, Jansen: "Identification of Novel Avian Influenza Virus Derived CD8+ T-Cell Epitopes." in: **PLoS ONE**, Vol. 7, Issue 2, pp. e31953, (2012) ([PubMed](#)).

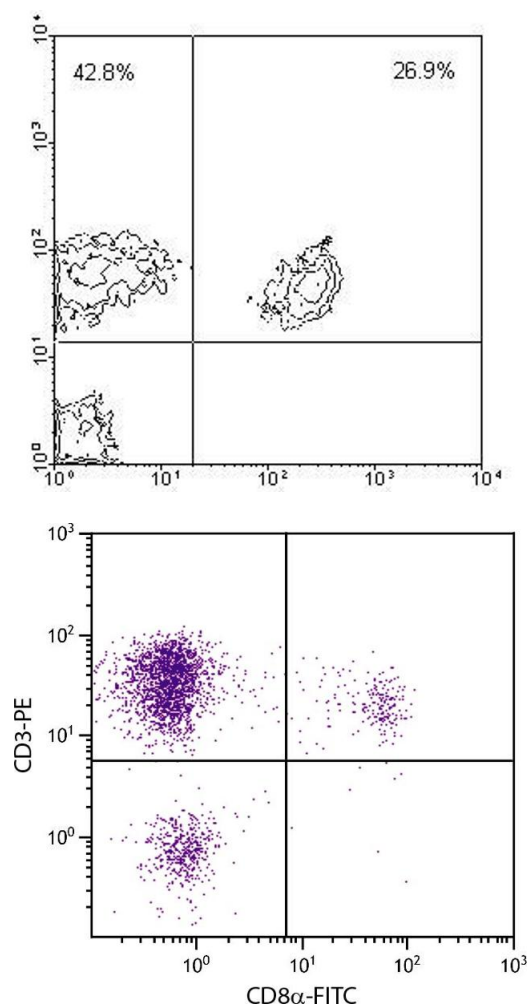


Image 1.

Flow Cytometry

Image 2. Chicken peripheral blood lymphocytes were stained with Mouse Anti-Chicken CD3-PE.