Datasheet for ABIN135498

anti-CD8 antibody (Biotin)

2 Images

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Overview

Quantity:	0.5 mg
Target:	CD8
Reactivity:	Cat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD8 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Feline thymocytes
Clone:	FCD8
Isotype:	IgG1
Specificity:	Feline/Lion/Tsushima Leopard Cat CD8β, Mr 31 & 38 kDa
Characteristics:	Mouse Anti-Feline CD8-BIOT
Purification:	Protein A

Target Details

Target:	CD8
Alternative Name:	CD8 (CD8 Products)
Background:	Feline CD8, a member of the immunoglobulin superfamily of cell surface receptors, is a type II

Target Details

	transmembrane glycoprotein that is expressed as a heterodimer on the suppressor/cytotoxic subpopulation of peripheral T lymphocytes. It is present on approximately 63 % of thymocytes, 9 % of splenocytes, 20 % of lymph node cells, and 15 % of peripheral blood lymphocytes. CD8 functions as a co-receptor with MHC Class I-restricted T cell receptors in antigen recognition.

Application Details

Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , ICC - Reported in literature , IP - Reported in literature , Sep - Reported in literature • **Working Dilutions:** Flow Cytometry FITC and BIOT conjugates 1 g/106 cells PE conjugate 0.2 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	0.5 mg in 1.0 mL of PBS/Sodium azide
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:	**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

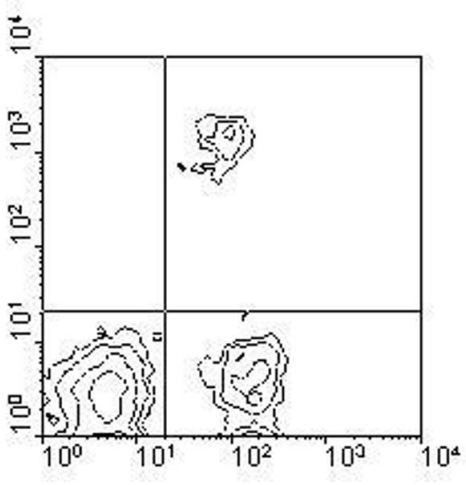
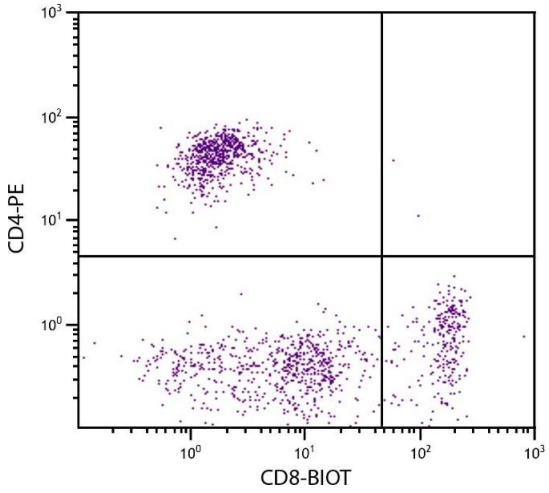


Image 1.



ELISA

Image 2. Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD8-BIOT.