

Datasheet for ABIN135499  
**anti-CD8 antibody (PE)**[Go to Product page](#)

2 Images

1 Publication

## Overview

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

## Product Details

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

## Target Details

Target:	CD8
Alternative Name:	CD8 ( <a href="#">CD8 Products</a> )
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/10<sup>6</sup> cells PE conjugate 0.2 g/10<sup>6</sup> 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: 0.1 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: Anish, Hossain, Jacobson, Takada: "Characterization of transcription from TATA-less promoters: identification of a new core promoter element XCPE2 and analysis of factor requirements." in: **PLoS ONE**, Vol. 4, Issue 4, pp. e5103, (2009) ([PubMed](#)).

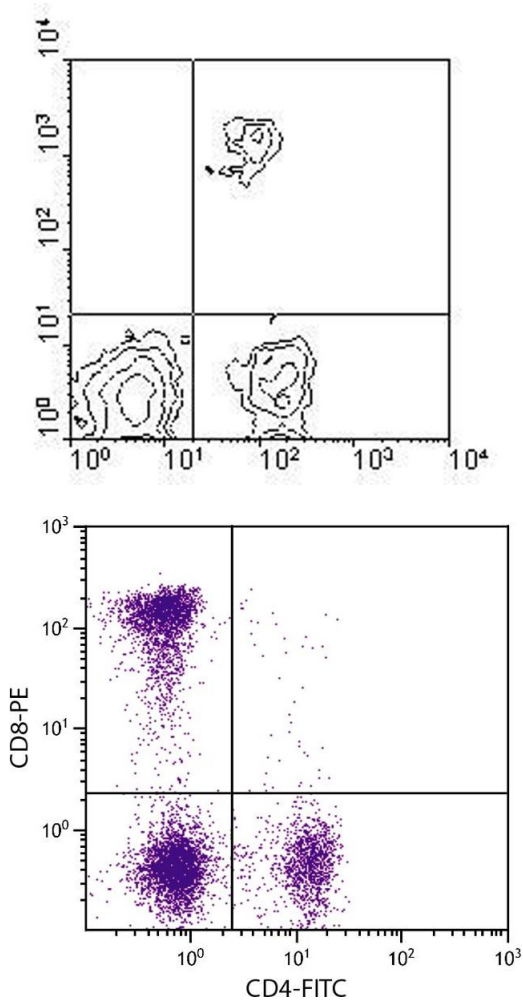


Image 1.

ELISA

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