

Datasheet for ABIN135494  
**anti-CD5 antibody (Biotin)**

2 Images



[Go to Product page](#)

## Overview

|              |                                           |
|--------------|-------------------------------------------|
| Quantity:    | 0.5 mg                                    |
| Target:      | CD5                                       |
| Reactivity:  | Cat                                       |
| Host:        | Mouse                                     |
| Clonality:   | Monoclonal                                |
| Conjugate:   | This CD5 antibody is conjugated to Biotin |
| Application: | Flow Cytometry (FACS)                     |

## Product Details

|                  |                            |
|------------------|----------------------------|
| Immunogen:       | Feline T cells             |
| Clone:           | F43                        |
| Isotype:         | IgG1                       |
| Specificity:     | Feline/Lion CD5, Mr 72 kDa |
| Characteristics: | Mouse Anti-Feline CD5-BIOT |

## Target Details

|                   |                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD5                                                                                                                                                                                 |
| Alternative Name: | CD5 ( <a href="#">CD5 Products</a> )                                                                                                                                                |
| Background:       | Feline CD5, a member of the scavenger receptor family of cell surface receptors, is a type I transmembrane glycoprotein that is expressed on most thymocytes, mature T lymphocytes, |

## Target Details

and a subpopulation of mature B cells (B-1 cells)<sup>1,2</sup> CD5 is thought to function in both cell-cell recognition and signal transduction.

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <ul style="list-style-type: none"><li>• <b>Applications:</b> FC - Quality tested , IHC-FS - Reported in literature , IP - Reported in literature , ELISA - Reported in literature</li><li>• <b>Working Dilutions:</b> 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</li></ul> |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |      |
|----------------|------|
| 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: | <p><b>Protect conjugated products from light.</b></p> <p>Each reagent is stable for the period shown on the bottle label if stored as directed.</p> |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

|          |      |
|----------|------|
| Storage: | 4 °C |
|----------|------|

|                  |                |
|------------------|----------------|
| Storage Comment: | Store at 2-8°C |
|------------------|----------------|

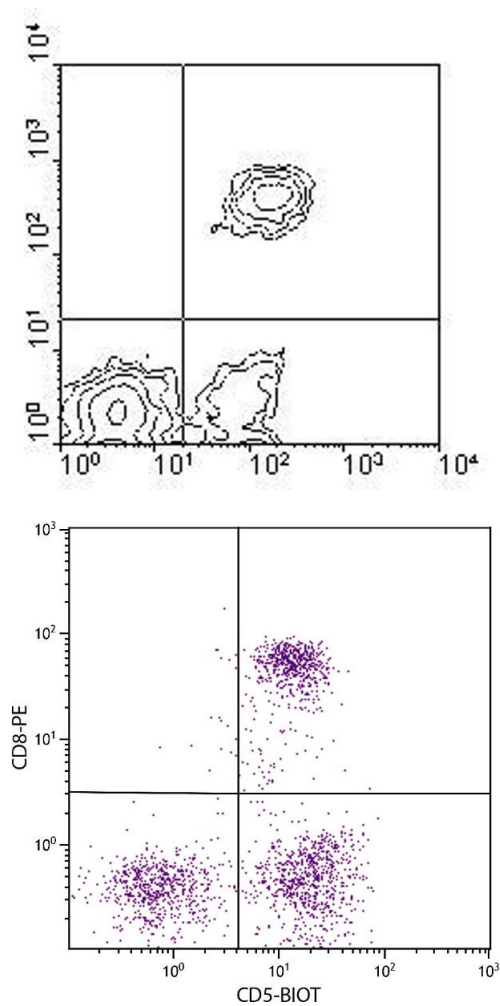


Image 1.

ELISA

**Image 2.** Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD5-BIOT.