

Datasheet for ABIN135462

**anti-Kyphoscoliosis Peptidase antibody (Biotin)****2** Images[Go to Product page](#)

## Overview

Quantity:	0.5 mg
Target:	Kyphoscoliosis Peptidase (KY)
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Kyphoscoliosis Peptidase antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	Fresh dd miniature swine thymocytes
Clone:	76-7-4
Isotype:	IgG2a
Specificity:	Porcine CD1, Mr 40 & 11 kDa
Characteristics:	Mouse Anti-Porcine CD1-BIOT

## Target Details

Target:	Kyphoscoliosis Peptidase (KY)
Alternative Name:	CD1 ( <a href="#">KY Products</a> )
Background:	Porcine CD1 is a type I transmembrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. It has a domain organization similar to that of MHC class

## Target Details

I molecules and is expressed in association with 2-microglobulin. CD1 is found on B cells, macrophages and immature thymocytes. There is evidence for a role of CD1 in presentation of lipids and peptides to T cells.

Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , ICC - Reported in literature , IP - Reported in literature , CMCD - 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

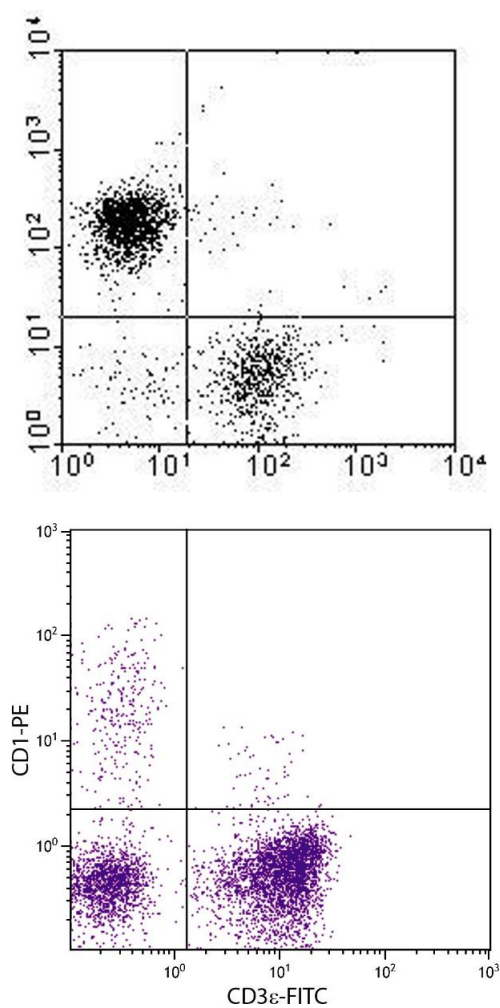


Image 1.

Flow Cytometry

**Image 2.** Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD1-PE.