APC Anti-Human CD9 Antibody[HI9a]

Catalog Number: E-AB-F1086E

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	HI9a
Isotype Control	APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data
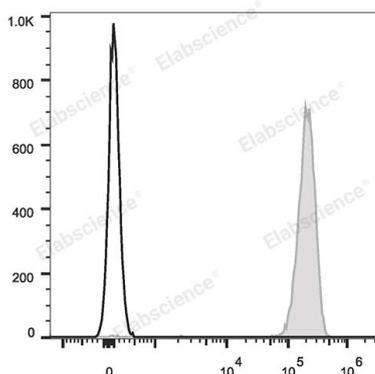
Human platelets are stained with APC Anti-Human CD9 Antibody (filled gray histogram). Unstained platelets (empty black histogram) are used as control.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	TSPAN29;5H9 antigen;CD9;CD9 antigen;Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3;MIC3;MRP-1;Tspan-29;p24
Uniprot ID	P21926
Gene ID	928

For Research Use Only

Toll-free: 1-888-852-8623
Web:w w w .elabscience.com

Tel: 1-832-243-6086
Email:techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.7

Background

CD9 is a 24 kD type III transmembrane protein also known as tetraspanin, MRP-1 and DRAP-24. It is a member of the tetraspan family (spanning the membrane four times) found on platelets, B cell progenitors, activated lymphocytes, granulocytes, endothelial cells and epithelial cells. CD9 induces adhesion, platelet aggregation, and B cell development. CD9 has been shown to associate with CD63, CD81, CD82, and CD36 and to bind to β1 integrins.

For Research Use Only

Toll-free: 1-888-852-8623   Tel: 1-832-243-6086   Fax: 1-832-243-6017
Web:www.elabscience.com   Email:techsupport@elabscience.com

Rev. V1.7