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## **Biotin Anti-Human CD9 Antibody[HI9a]**

Catalog Number: E-AB-F1086B

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HI9a

Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B] Isotype Control

Conjugation

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow **FCM** 

> cytometric staining, the suggested use of this reagent is  $\leq$  1.0  $\mu$ g per 10<sup>6</sup> cells in 100  $\mu$ L volume or 100 µL of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

**Preparation & Storage** 

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. 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

**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.

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