

## Biotin Anti-Human CD9 Antibody[HI9a]

**Catalog Number:** GFH1086B

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

### Description

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| <b>Reactivity</b>      | Human                                                                |
| <b>Host</b>            | Mouse                                                                |
| <b>Isotype</b>         | Mouse IgG1, κ                                                        |
| <b>Clone No.</b>       | HI9a                                                                 |
| <b>Isotype Control</b> | Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B] |
| <b>Conjugation</b>     | Biotin                                                               |
| <b>Storage Buffer</b>  | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.  |

### Applications Recommended usage

|            |                                                                                                                                                                                                                                                                                                                                                           |
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| <b>FCM</b> | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per $10^6$ cells in 100 $\mu\text{L}$ volume or 100 $\mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |
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### Preparation & Storage

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| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Do not freeze. |
| <b>Shipping</b> | Ice bag                                                                                             |

### Antigen Information

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| <b>Alternate Names</b> | TSPAN29;5H9 antigen;CD9;CD9 antigen;Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3;MIC3;MRP-1;Tspan-29;p24                                                                                                                                                                                                                                                                                                                                          |
| <b>Uniprot ID</b>      | P21926                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID</b>         | 928                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Background</b>      | 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 $\beta 1$ integrins. |