

## Antibody Data

<b>Product SKU:</b>	<b>AGEL0323</b>	<b>Clone:</b>	<b>HI9a</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

## Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information:

<b>Alternate Names:</b>	CD9 antigen;CD9;5H9 antigen;Cell growth-inhibiting gene 2 protein;Leukocyte antigen MIC3;MRP-1;Tspan-29;p24;CD9;MIC3; TSPAN29;
<b>Uniprot ID:</b>	P21926
<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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Biotin
<b>Size:</b>	25&micro;g, 100&micro;g
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1, $\kappa$
<b>Isotype Control:</b>	Biotin Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product AGEL0323]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** 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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