

## Product datasheet for **SM1281P**

### Integrin alpha 9 (ITGA9) Mouse Monoclonal Antibody [Clone ID: Y9A2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Y9A2
Applications:	FC, IP
Recommended Dilution:	Flow cytometry. Immunoprecipitation.
Reactivity:	Human, Guinea Pig, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	a9 integrin transfected I cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognises the alpha9 integrin. Clone Y9A2 inhibits adhesion of alpha9 expressing cells to N-terminal osteopontin.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha 9
Database Link:	<a href="#">Entrez Gene 3680 Human Q13797</a>
Background:	Alpha9 integrin is a 140kD glycoprotein expressed as a heterodimer in association with the beta1 integrin. The alpha9 integrin is expressed by epithelial cells, including airway epithelial cells.



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Synonyms: Integrin alpha-RLC