

## Product datasheet for **SM1281A**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Y9A2
Applications:	ELISA, FC, FN, IP
Recommended Dilution:	<b>Functional Assays.</b> <b>Flow Cytometry.</b> <b>ELISA.</b> <b>Immunoprecipitation.</b>
Reactivity:	Guinea Pig, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Murine L cells transfected with Human Alpha-9 Integrin.
Specificity:	This antibody clone Y9A2 is specific for Integrin alpha 9/beta 1. In Functional Applications Mouse anti Human Integrin alpha 9 beta 1 antibody, clone Y9A2 has been shown to cause 100% inhibition of $\alpha 9\beta 1$ -mediated adhesion to the third fibronectin type III repeat in tenascin at $< 10 \mu\text{g/ml}$ . Mouse anti Human Integrin alpha 9 beta 1 antibody, clone Y9A2 has been used to demonstrate Itga9 blocking of progenitor cell proliferation ( <i>Schreiber et al.</i> 2009).
Formulation:	Phosphate buffered saline State: Azide Free State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store 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



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**Database Link:** [Entrez Gene 3680 Human Q13797](#)

**Background:** Integrin alpha 9/beta is a receptor for VCAM1, cytotactin and osteopontin. It recognizes the sequence A-E-I-D-G-I-E-L in cytotactin.

**Synonyms:** Integrin alpha-RLC