

Anti-Integrin alpha-9/ITGA9 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06851-1-Fluoro488

About ITGA9

Integrin alpha-9 is a protein that in humans is encoded by the ITGA9 gene. This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane glycoproteins composed of an alpha chain and a beta chain that mediate cell-cell and cell-matrix adhesion. The protein encoded by this gene, when bound to the beta 1 chain, forms an integrin that is a receptor for VCAM1, cytotactin and osteopontin. Expression of this gene has been found to be upregulated in small cell lung cancers.

Overview

Product Name	Anti-Integrin alpha-9/ITGA9 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q13797

Technical Details

Immunogen	E.coli-derived human Integrin alpha-9/ITGA9 recombinant protein (Position: Q526-Q1035). Human ITGA9 shares 89.6% amino acid (aa) sequence identity with mouse ITGA9.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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