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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Integrin alpha V/ITGAV Antibody Picoband® (monoclonal, 8B10H2) Fluoro488 Conjugated

Catalog Number: M01561-2-Fluoro488

About ITGAV

Integrin alpha-V is a protein that in humans is encoded by the ITGAV gene. It is a member of the beta 3 integrin subfamily(cytoadhesins). The human locus for the av gene(VNRA) was previously mapped to the long arm of chromosome 2. Sims et al.(2000) localized the VNRA gene to 2q31. The gene contains 30 exons and spans over 93 kb of genomic DNA. It functions as a receptor for a group of proteins that includes vitronectin, fibrinogen, thrombospondin, and von Willebrand factor.

Overview

Product Name	Anti-Integrin alpha V/ITGAV Antibody Picoband® (monoclonal, 8B10H2) Fluoro488 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Monoclonal 8B10H2
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	P06756

Technical Details

Immunogen	E.coli-derived human Integrin alpha V/ITGAV recombinant protein (Position: H732-D970).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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For Research Use Only. Not for use in diagnostic procedures.