

Anti-IRGM/Irgm1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A33515-Fluoro647

About Irgm1

Immunity-related GTPase family M protein (IRGM), also known as interferon-inducible protein 1 (IFI1), is an enzyme that in humans is IRGM gene. This gene encodes a member of the p47 immunity-related GTPase family. The encoded protein may play a role in the innate immune response by regulating autophagy formation in response to intracellular pathogens. Polymorphisms that affect the normal expression of this gene are associated with a susceptibility to Crohn's disease and tuberculosis. Alternative splicing results in multiple transcript variants encoding different isoforms.

Overview

Product Name	Anti-IRGM/Irgm1 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na 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	Q60766

Technical Details

Immunogen	E.coli-derived mouse IRGM/Irgm1 recombinant protein (Position: E50-K333).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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