

Anti-MPEG1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A11803-1-Fluoro488

About MPEG1

Enables pore-forming activity and wide pore channel activity. Involved in antigen processing and presentation of exogenous peptide antigen via MHC class I; defense response to bacterium; and dendritic cell antigen processing and presentation. Acts upstream of or within antigen processing and presentation of exogenous peptide antigen via MHC class I, TAP-dependent. Located in phagocytic vesicle. Is active in endolysosome and phagocytic vesicle membrane. Is expressed in several structures, including blood vessel; central nervous system; genital tubercle; and retina outer nuclear layer. Human ortholog(s) of this gene implicated in primary immunodeficiency disease. Orthologous to human MPEG1 (macrophage expressed 1).

Overview

Product Name	Anti-MPEG1 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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% 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	A1L314

Technical Details

Immunogen	E.coli-derived mouse MPEG1 recombinant protein (Position: F31-D645). Mouse MPEG1 shares 79.4% and 93.5% amino acid (aa) sequence identity with human and rat MPEG1, respectively.
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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