

## Anti-MPEG1 Antibody Picoband® Biotin Conjugated

Catalog Number: A11803-1-Biotin

### 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® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
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	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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