

Anti-OAS3 Antibody Picoband® PE Conjugated

Catalog Number: A05032-1-PE

About OAS3

2'-5'-oligoadenylate synthetase 3 is an enzyme that in humans is encoded by the OAS3 gene. It is mapped to 12q24.13. This gene encodes an enzyme included in the 2', 5' oligoadenylate synthase family. This enzyme is induced by interferons and catalyzes the 2', 5' oligomers of adenosine in order to bind and activate RNase L. This enzyme family plays a significant role in the inhibition of cellular protein synthesis and viral infection resistance.

Overview

Product Name	Anti-OAS3 Antibody Picoband® PE 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% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9Y6K5

Technical Details

Immunogen	E.coli-derived human OAS3 recombinant protein (Position: N990-V1087).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 10.1016/j.colsurfb.2016.04.037, Preparation and characterization of latex films photo-immobilized with IFN-alpha

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