

Anti-P2RX7 Antibody Picoband® Biotin Conjugated

Catalog Number: A01208-2-Biotin

About P2rx7

P2X purinoceptor 7, also called P2X7, is a protein that in humans is encoded by the P2RX7 gene. The product of this gene belongs to the family of purinoceptors for ATP. P2RX7 was mapped to chromosome 12q24 by fluorescence in situ hybridization. It is a receptor for ATP that acts as a ligand-gated ion channel. This gene is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. It could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells.

Overview

Product Name	Anti-P2RX7 Antibody Picoband® Biotin Conjugated
Reactive Species	Mouse
Clonality	Polyclonal
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.
Host	Rabbit
Uniprot ID	Q9Z1M0

Technical Details

Immunogen	E.coli-derived mouse P2RX7 recombinant protein (Position: N380-E585).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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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