

Datasheet for ABIN7162449
anti-P2RX7 antibody (AA 110-247)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	P2RX7
Binding Specificity:	AA 110-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX7 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human P2X purinoceptor 7 protein (110-247AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	P2RX7
Alternative Name:	P2RX7 (P2RX7 Products)
Background:	Background: Receptor for ATP that acts as a ligand-gated ion channel. Responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large

Target Details

molecules. Could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells.

Aliases: ATP receptor antibody, P2rx7 antibody, P2RX7_HUMAN antibody, P2X purinoceptor 7 antibody, P2X7 antibody, P2Z receptor antibody, Purinergic receptor antibody, purinergic receptor P2X, ligand gated ion channel, 7 antibody

UniProt: [Q99572](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

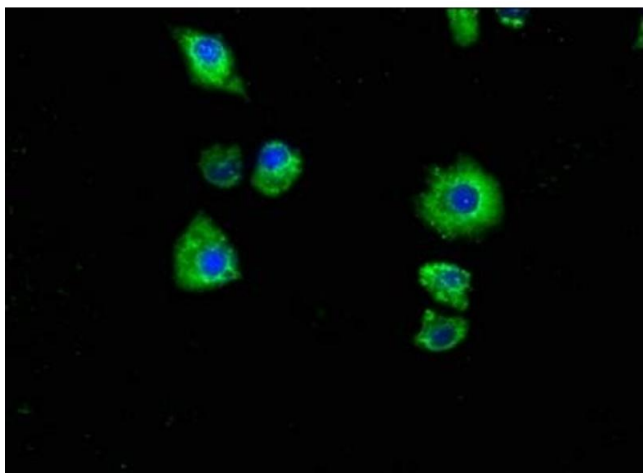
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7162449 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).