

Datasheet for ABIN5542663
anti-P2RX7 antibody (AA 226-452)

6 Images

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	P2RX7
Binding Specificity:	AA 226-452
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This P2RX7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human P2RX7 (AA: 226-452) expressed in E. coli.
Clone:	7G1D6
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	P2RX7
Alternative Name:	P2RX7 (P2RX7 Products)
Background:	Description: The product of this gene belongs to the family of purinoceptors for ATP. This

Target Details

receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay (NMD) criteria.,
Aliases: P2X7

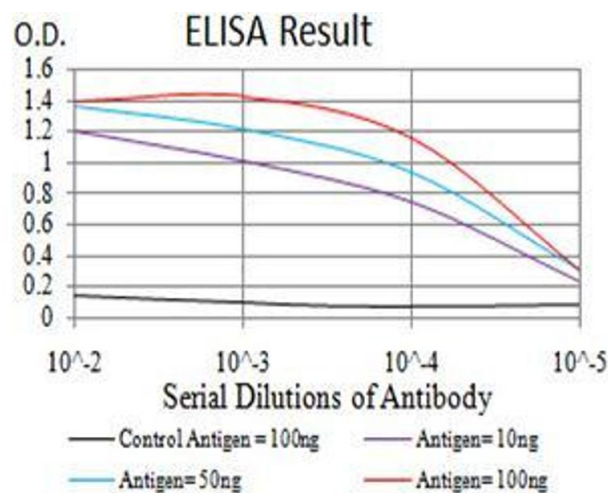
Molecular Weight:	68.6 kDa
Gene ID:	5027
HGNC:	EF011664.1
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only

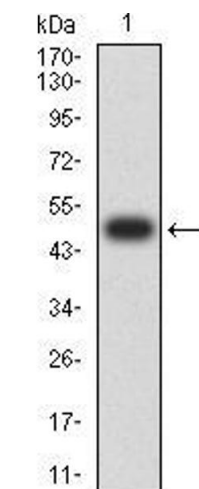
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



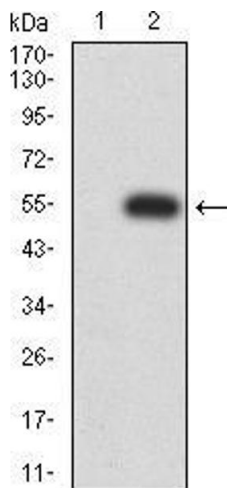
ELISA

Image 1. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using P2RX7 mAb against human P2RX7 (AA: 226-452) recombinant protein. (Expected MW is 48.9 kDa)



Western Blotting

Image 3. Western blot analysis using P2RX7 mAb against HEK293 (1) and P2RX7 (AA: 226-452)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542663.