

Datasheet for ABIN5611336

anti-P2RY14 antibody[Go to Product page](#)

7 Images

Overview

Quantity:	0.1 mg
Target:	P2RY14
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human P2RY14 (AA: extra mix) expressed in E. coli.
Clone:	5A3F1
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	P2RY14
Alternative Name:	P2RY14 (P2RY14 Products)
Background:	Description: The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known

Target Details

immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene.

Aliases: P2Y14, BPR105, GPR105

Molecular Weight: 39 kDa

Gene ID: 9934

HGNC: 9934

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

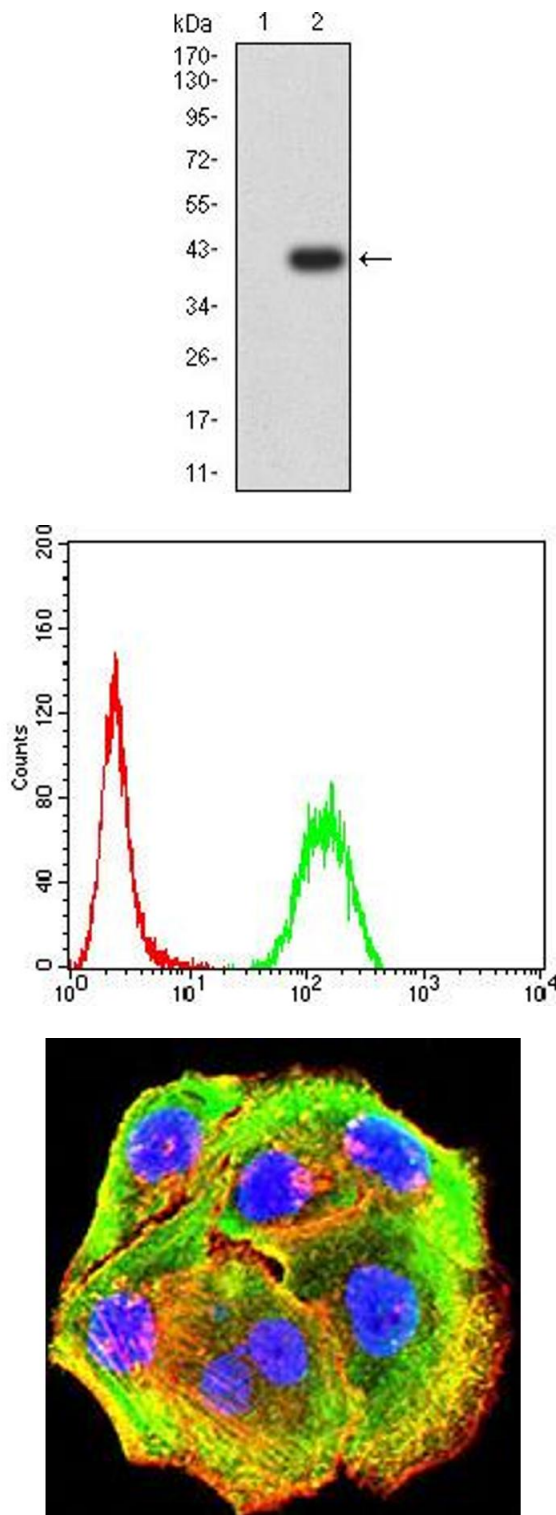
Buffer: Purified antibody in PBS with 0.05 % sodium azide

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



Western Blotting

Image 1. Western blot analysis using P2RY14 mAb against HEK293 (1) and P2RY14 (AA: extra mix)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using P2RY14 mouse mAb (green) and negative control (red).

Immunofluorescence

Image 3. Immunofluorescence analysis of Hela cells using P2RY14 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5611336.