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Datasheet for ABIN5008147

## anti-P2RY11 antibody (AA 71-170) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	P2RY11
Binding Specificity:	AA 71-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY11 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human P2Y11
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Cow,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	P2RY11
Alternative Name:	P2Y11 ( <a href="#">P2RY11 Products</a> )

## Target Details

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**Background:** Synonyms: P2RY11, P2Y purinoceptor 11, P2Y11, P2Y11 receptor, P2Y11\_HUMAN, Purinergic receptor P2Y G protein coupled 11, Purinergic receptor P2Y11.

Background: P2Y purinoceptor 11 (P2Y11) is a 374 amino acid protein belonging to the G-protein coupled receptor one family. P2Y11 is a multi-pass cell membrane protein that acts as a receptor for both ATP and ADP coupled to G proteins. Due to these interactions, P2Y11 is involved in phosphatidylinositol-calcium and adenylyl cyclase pathways. Induced by DMSO and retinoic acid, P2Y11 is highly expressed in spleen tissue. A putative trans-splicing event involving the gene that encodes P2Y11 and an upstream gene encoding PPAN has been found to result in a fusion protein, designated PPAN-P2RY11.

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**Gene ID:** 5032

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**UniProt:** [Q96G91](#)

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**Pathways:** [cAMP Metabolic Process](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months