



Product datasheet

Anti-P2Y13 antibody [2H1G9] ab175365

[3 Images](#)

Overview

Product name	Anti-P2Y13 antibody [2H1G9]
Description	Mouse monoclonal [2H1G9] to P2Y13
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human P2Y13 aa 1-49. Expressed in E coli Sequence: MTAAIRRQRELSILPKVTLEAMNTVMQGFNRSERCPRDT RVQLVFPA Database link: Q9BPV8  Run BLAST with  Run BLAST with
Positive control	HepG2 cells; Human P2Y13 recombinant protein; P2Y13 (aa 1-49)-hlgGfc transfected HEK293 cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituent: 99% PBS 0.5% protein stabilizer

Purity	Protein G purified
Purification notes	Purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	2H1G9
Isotype	IgG1

Applications

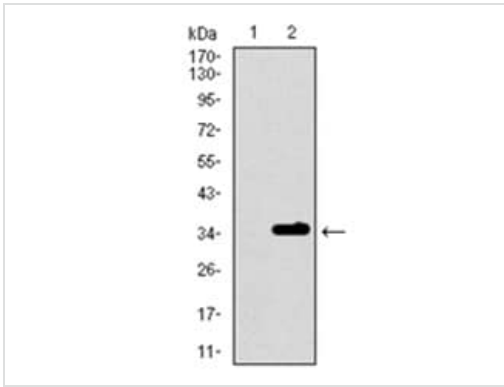
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175365 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 40 kDa.
Flow Cyt		1/200 - 1/400. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	Receptor for ADP. Coupled to G(i)-proteins. May play a role in hematopoiesis and the immune system.
Tissue specificity	Strong expression in spleen and adult brain. Lower expression in placenta, lung, liver, spinal cord, thymus, small intestine, uterus, stomach, testis, fetal brain, and adrenal gland. Not detected in pancreas, heart, kidney, skeletal muscle, ovary or fetal aorta. Clearly detected in lymph node and bone marrow, weakly detected in peripheral blood mononuclear cells (PBMC) and in peripheral blood leukocytes (PBL), but not detected in polymorphonuclear cells (PMN). In the brain, detected in all brain regions examined.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.
Form	There are 2 isoforms produced by alternative splicing.

Images



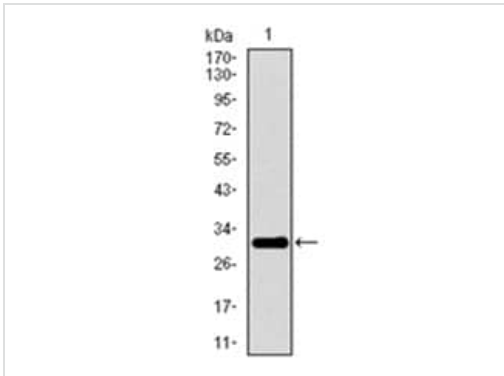
Western blot - Anti-P2Y13 antibody [2H1G9]
(ab175365)

All lanes : Anti-P2Y13 antibody [2H1G9] (ab175365) at 1/500 dilution

Lane 1 : non transfected HEK293 cell lysate.

Lane 2 : P2Y13 (aa 1–49)-hlgGfc transfected HEK293 cell lysate.

Predicted band size: 40 kDa

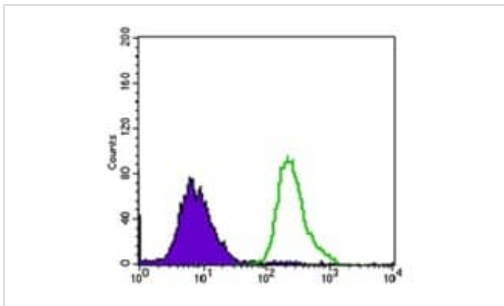


Western blot - Anti-P2Y13 antibody [2H1G9]
(ab175365)

Anti-P2Y13 antibody [2H1G9] (ab175365) at 1/500 dilution + Human P2Y13 recombinant protein

Predicted band size: 40 kDa

Expected MW is 31.6 kDa



Flow Cytometry - Anti-P2Y13 antibody [2H1G9]
(ab175365)

Flow cytometric analysis of HepG2 cells labeling P2Y13 using ab175365 at 1/200 dilution (green), and negative control (purple).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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