



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

P2RX5 monoclonal antibody (M01), clone 1C5

Catalog # : H00005026-M01

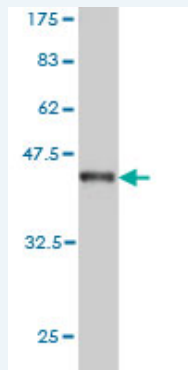
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant P2RX5.
Immunogen:	P2RX5 (NP_002552, 126 a.a. ~ 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DGACSKDSDCHAGEAVTAGNGVKTGRCLRRENLARGTCEIFAWCPLETSSRPEEPFLKEAEDFTIFIKNHIRFPKFNFSKSNVMDVKDRSFLKSCHF GP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

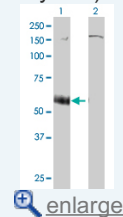
1. [A Truncation Variant of the Cation Channel P2RX5 Is Upregulated during T Cell Activation.](#)
Abramowski P, Ogradowczyk C, Martin R, Pongs O PLoS One. 2014 Sep 2;9(9):e104692. doi: 10.1371/journal.pone.0104692. eCollection 2014.

Applications

Western Blot (Transfected lysate)

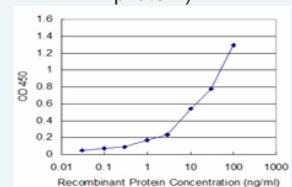
Application Image

Western Blot (Transfected lysate)



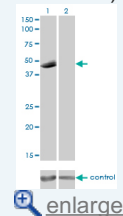
Western Blot (Recombinant protein)

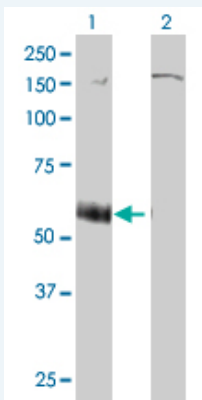
Sandwich ELISA (Recombinant protein)



ELISA

RNAi Knockdown (Antibody validated)





Western Blot analysis of P2RX5 expression in transfected 293T cell line by P2RX5 monoclonal antibody (M01), clone 1C5.

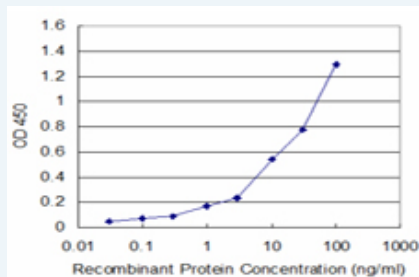
Lane 1: P2RX5 transfected lysate(46.42 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

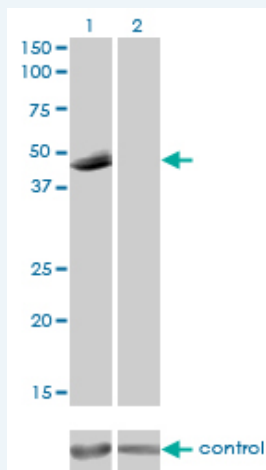


Detection limit for recombinant GST tagged P2RX5 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

RNAi Knockdown (Antibody validated)



Western blot analysis of P2RX5 over-expressed 293 cell line, cotransfected with P2RX5 Validated Chimera RNAi (Cat # H00005026-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with P2RX5 monoclonal antibody (M01), clone 1C5 (Cat # H00005026-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Information

Entrez GeneID: [5026](#)

**GeneBank
Accession#:** [NM_002561](#)

**Protein
Accession#:** [NP_002552](#)

Gene Name: P2RX5

Gene Alias: MGC47755,P2X5,P2X5R

**Gene
Description:** purinergic receptor P2X, ligand-gated ion channel, 5

Omim ID: [602836](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Several characteristic motifs of ATP-gated channels are present in its primary structure, but, unlike other members of the purinoceptors family, this receptor has only a single transmembrane domain. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other
Designations:** ATP receptor subunit,P2X purinoceptor 5,ionotropic ATP receptor P2X5,purinergic receptor P2X ligand gated ion channel 5,purinergic receptor P2X5

Gene Pathway

[Calcium signaling pathway](#) [Neuroactive ligand-receptor interaction](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.