antibodies -online.com





anti-P2RX5 antibody (AA 126-224)

4 Images



Publication



Go to Product page

Overview

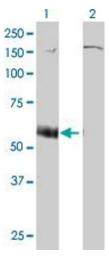
Quantity:	100 μg
Target:	P2RX5
Binding Specificity:	AA 126-224
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This P2RX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

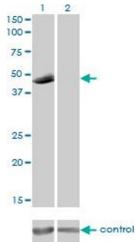
Product Details

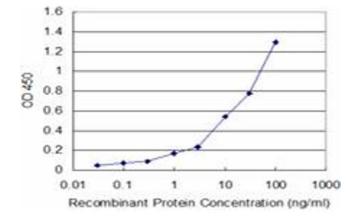
Purpose:	Mouse monoclonal antibody raised against a partial recombinant P2RX5.
Immunogen:	P2RX5 (NP_002552, 126 a.a. \sim 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DGACSKDSDC HAGEAVTAGN GVKTGRCLRR ENLARGTCEI FAWCPLETSS RPEEPFLKEA EDFTIFIKNH IRFPKFNFSK SNVMDVKDRS FLKSCHFGP
Clone:	1C5
Isotype:	lgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target Details	
Target:	P2RX5
Alternative Name:	P2RX5 (P2RX5 Products)
Background:	Full Gene Name: purinergic receptor P2X, ligand-gated ion channel, 5
	Synonyms: MGC47755,P2X5,P2X5R
Gene ID:	5026
NCBI Accession:	NM_002561
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Publications	
Product cited in:	Abramowski, Ogrodowczyk, Martin, Pongs: "A truncation variant of the cation channel P2RX5 is
	upregulated during T cell activation." in: PLoS ONE , Vol. 9, Issue 9, pp. e104692, (2014) (
	PubMed).







Western Blotting

Image 1. 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.

Western Blotting

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

ELISA

Image 3. Detection limit for recombinant GST tagged P2RX5 is approximately 1ng/ml as a capture antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN562082.