

Datasheet for ABIN7072668

Recombinant anti-beta 2 Adrenergic Receptor antibody



[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	beta 2 Adrenergic Receptor (ADRB2)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-Beta 2 adrenergic receptor [R11/E1], Mouse IgG1, kappa
Immunogen:	This antibody was raised by immunizing mice with beta-2 adrenergic receptor.
Clone:	R11-E1
Isotype:	IgG1 kappa
Specificity:	R11/E1 antibody recognizes human beta-2 adrenergic receptor. Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds adrenaline with far greater affinity than noradrenaline.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1

Product Details

Purification: Protein A affinity purified

Target Details

Target:	beta 2 Adrenergic Receptor (ADRB2)
Alternative Name:	Beta 2 adrenergic receptor (ADRB2 Products)
Background:	R11E1, Beta-2 adrenergic receptor, Beta-2 adrenoreceptor, Beta-2 adrenoceptor, β -2 adrenergic receptor, β -2 adrenoreceptor, β -2 adrenoceptor, β 2AR, β 2-AR
UniProt:	P07550
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Brown Fat Cell Differentiation

Application Details

Application Notes:	This antibody is recommended for the detection and analysis of the beta-2 adrenergic receptor. It was successfully used in the in vivo phosphorylation assays during Western blot detections of beta-2 adrenergic receptor (Huang et al., 2009).
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.