

# Datasheet for ABIN968033 anti-beta Arrestin 1 antibody (AA 262-409)

2 Images

5 Publications



### Overview

Quantity:	150 µg
Target:	beta Arrestin 1 (ARRB1)
Binding Specificity:	AA 262-409
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This beta Arrestin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Immunogen:	Rat beta-Arrestin1 aa. 262-409
Clone:	10-Beta
lsotype:	lgG1
Cross-Reactivity:	Mouse (Murine), Human
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
	2. Please refer to us for technical protocols.
	3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide
	compounds in running water before discarding to avoid accumulation of potentially explosive
	deposits in plumbing.
	4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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### Product Details

Purification:

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

### Target Details

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	Pathways:	Positive Regulation of Peptide Hormone Secretion, Nuclear Hormone Receptor Binding, cAMP
G-Protein Coupled Receptor Protein Signaling, Phototransduction		Metabolic Process, Myometrial Relaxation and Contraction, Synaptic Membrane, Regulation of
		G-Protein Coupled Receptor Protein Signaling, Phototransduction
Application Details	Application Dataila	

Comment:	Related Products: ABIN968555, ABIN967389
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#### Handling

Format:	Liquid
Concentration:	250 μg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store undiluted at -20° C.

#### **Publications**

Product cited in:

Dalle, Imamura, Rose, Worrall, Ugi, Hupfeld, Olefsky: "Insulin induces heterologous desensitization of G-protein-coupled receptor and insulin-like growth factor I signaling by downregulating beta-arrestin-1." in: **Molecular and cellular biology**, Vol. 22, Issue 17, pp. 6272-85, (2002) (PubMed).

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Gurevich, Dion, Onorato, Ptasienski, Kim, Sterne-Marr, Hosey, Benovic: "Arrestin interactions with G protein-coupled receptors. Direct binding studies of wild type and mutant arrestins with rhodopsin, beta 2-adrenergic, and m2 muscarinic cholinergic receptors." in: **The Journal of biological chemistry**, Vol. 270, Issue 2, pp. 720-31, (1995) (PubMed).

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