

Datasheet: MCA5314Z

Description:	MOUSE ANTI HUMAN BETA ARRESTIN-2:Preservative Free
Specificity:	BETA ARRESTIN-2
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	4D2
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

RRID AB_2243079

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			0.1 - 10 ug/ml
Immunofluorescence	▪			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution Phosphate buffered saline

Preservative Stabilisers None present

Approx. Protein Concentrations Ig concentration 0.5 mg/ml

Immunogen Recombinant protein corresponding to aa 300-410 of human beta arrestin-2.

External Database Links

UniProt:

[P32121](#)

[Related reagents](#)

Entrez Gene:

Synonyms	ARB2, ARR2
Fusion Partners	Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line.
Specificity	<p>Mouse anti Human beta arrestin-2 antibody, clone 4D2 recognizes human beta arrestin-2, a 409 amino acid ~45 kDa intracellular protein involved in regulation of cellular responses to GPCR signaling.</p> <p>Multiple isoforms of beta arrestin-2 produced by alternative splicing have been described. Mouse anti Human beta arrestin-2 antibody, clone 4D2 binds to the canonical isoform. Isoforms 2 and 3 contain inclusions within the immunogen sequence used to generate clone 4D2 and binding to these isoforms has not been assessed. Isoforms 4 and 5 both have the complete unmodified immunogen sequence and Mouse anti Human beta arrestin-2 antibody, clone 4D2 would therefore be expected to bind these isoforms (UniProt : P32121).</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG2a (HCA037...)	FITC , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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