

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

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 from ascites
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:

[409](#) ARRB2 [Related reagents](#)

Synonyms	ARB2, ARR2
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RRID	AB_2243079
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Fusion Partners	Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line.
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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>
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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>
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 ,

[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR13...)

[HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...)

[FITC](#), [HRP](#)

Recommended Negative Controls

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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