

Datasheet: MCA2556

Description:	MOUSE ANTI BETA ARRESTIN-1
Specificity:	BETA ARRESTIN-1
Other names:	ARRB1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	25-G10
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

RRID AB_2060225

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting	▪			1/500 - 1/2000

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 Synthetic Peptide

Species Cross Reactivity Reacts with: Rat, Human, Bovine
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Carrier Free Yes

Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Recombinant beta-arrestin 1.
External Database Links	<p>UniProt: P49407 Related reagents</p> <p>Entrez Gene: 408 ARRB1 Related reagents</p>
Synonyms	ARR1
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the X63-Ag8.653 myeloma cell line.
Specificity	<p>Mouse anti Human beta arrestin-1 antibody, clone 25-G10 recognises beta arrestin-1. Beta arrestin-1 is a 418 amino acid ~55 kDa member of the arrestin family, which was originally characterised as a protein involved in mediating the desensitization of G protein-coupled receptors (GPCR) by endocytosis. However, more recent studies suggest a wider regulatory role for beta arrestins in chemotaxis, cellular migration and metastasis.</p> <p>Beta arrestin-1 is predominantly expressed in neuronal tissues and the spleen. In resting cells, beta arrestin-1 is mainly located in the cytosol but translocates to the membrane as a result of GPCR receptor phosphorylation.</p> <p>Mouse anti Human beta arrestin-1 antibody, clone 25-G10 does not cross react with beta arrestin-2.</p>
References	1. Hüttenrauch, F. <i>et al.</i> (2005) G protein-coupled receptor kinases promote phosphorylation and beta-arrestin-mediated internalization of CCR5 homo- and hetero-oligomers. J Biol Chem. 280 (45): 37503-15.
Storage	<p>Store at +4°C or at -20°C if preferred.</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 #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),
[DyLight@800](#), [FITC](#), [HRP](#)

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