

Datasheet: MCA6345

BATCH NUMBER 157608

Description:	RABBIT ANTI BAG1
Specificity:	BAG1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM310
Isotype:	IgG
Quantity:	0.1 ml

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
Immunohistology - Paraffin	▪			1/500 - 1/2000
Western Blotting	▪			1/1000 - 1/2000
Immunocytochemistry	▪			1/200 - 1/1000

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 animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to residues near the N-terminus of human BAG-1L

**External Database
Links**

UniProt:

[Q99933](#) [Related reagents](#)

Entrez Gene:

[573](#) BAG1 [Related reagents](#)

Synonyms

HAP

Specificity

Rabbit anti BAG1 antibody recognizes BAG family molecular chaperone regulator 1 (BAG1), also known as Bcl-2-associated athanogene 1 and HAP.

BAG1 is a multifunctional protein involved with a variety of processes linked to cell survival including regulation of apoptotic, transcriptional, and proliferative pathways. Through interacting with BCL2, BAG1 is able to delay cell death ([Aveic et al. 2011](#)). BAG-1 is also a co-chaperone for and negative regulator of Hsp70, a ubiquitous protein involved with protein folding and remodeling and response to cell stress ([Götz et al. 2005](#)). As such, and due to its numerous cryoprotective activities, BAG1 is often considered to be an anti-stress protein ([Maeng et al. 2008](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6345>
10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M386974:210604'

Printed on 19 Jan 2024

