

## Datasheet: MCA6345

<b>Description:</b>	RABBIT ANTI BAG1
<b>Specificity:</b>	BAG1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM310
<b>Isotype:</b>	IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	A peptide corresponding to residues near the N-terminus of human BAG-1L
<b>External Database Links</b>	<b>UniProt:</b>

[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**

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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](https://www.bio-rad-antibodies.com/datasheets)

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