

## Datasheet: MCA6355

<b>Description:</b>	RABBIT ANTI BOB-1
<b>Specificity:</b>	BOB-1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM378
<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	▪			1/1000 - 1/2000
Western Blotting	▪			1/5000 - 1/10000

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 the C-terminus of human BOB-1
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[5450](#)   POU2AF1   [Related reagents](#)

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**Synonyms**      OBF1

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**Specificity**      **Rabbit anti BOB-1 antibody** recognizes POU domain class 2-associating factor 1 (POU2AF1), also known as B-cell-specific coactivator OBF-1 and BOB-1.

BOB-1 is a lymphocyte-specific transcriptional regulator which interacts with transcription factors Oct1 and Oct2 to enhance octamer-dependent transcription ([Levels et al. 2019](#)). BOB-1 expression depends on lymphocyte type, B cells show constitutive expression whereas expression is inducible in T cells following costimulation. Mice without BOB-1 lack germinal centres and have a range of defects in B-cell development ([Boehm et al. 2001](#)). BOB1 is used to differentiate classical Hodgkin's lymphoma (BOB1 negative) from primary mediastinal large B-cell lymphoma (positive) ([Hoeller et al. 2010](#)).

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**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.

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**Guarantee**      12 months from date of despatch

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**Health And Safety Information**      Material Safety Datasheet documentation #10048 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA6355>  
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**Regulatory**      For research purposes only

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## 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](#)
- Sheep Anti Rabbit IgG (STAR36...)      [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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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