

Datasheet: MCA6355

Description:	RABBIT ANTI BOB-1
Specificity:	BOB-1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM378
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	▪			1/1000 - 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.

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 the C-terminus of human BOB-1
External Database Links	UniProt:

Entrez Gene:

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

Synonyms OBF1

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](#)).

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/MCA6355>
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](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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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