

Datasheet: MCA6364

Description:	RABBIT ANTI CD23
Specificity:	CD23
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM406
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	▪			1/100 - 1/200
Western Blotting	▪			1/500 - 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 C-terminus of human CD23
External Database Links	UniProt:

Entrez Gene:

[2208](#) FCER2 [Related reagents](#)

Synonyms	CD23A, CLEC4J, FCE2, IGEBF
-----------------	----------------------------

Specificity	Rabbit anti CD23 antibody recognizes low affinity immunoglobulin epsilon Fc receptor, also known as FCER2 and BLAST-2.
--------------------	---

CD23 is a cell surface calcium-binding protein and receptor for the Fc domain of IgE, regulating synthesis of IgE on the surface of B lymphocytes and other cells ([Jégouzo et al. 2019](#)). CD23 has been shown to act as a negative regulator for IgE and IgG antibody responses in B cells by influencing cellular activation and differentiation ([Liu et al. 2016](#)). In addition CD23 regulates IgE-related immune responses by stimulating production of pro-inflammatory mediators ([Rosenwasser and Meng 2005](#)). CD23 also facilitates induction of antibody and T-cell responses ([Engeroff et al. 2020](#)). CD23 plays important roles in allergic disease through IgE-facilitated allergen presentation, controlling allergen-specific T-cell activation ([Selb et al. 2017](#)).

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: 10048: https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
--------------------------------------	---

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](#)

North & South America	Tel: +1 800 265 7376 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)
'M386994:210604'

Printed on 07 Feb 2023

