

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:

[P06734](#) [Related reagents](#)

Entrez Gene:

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

Synonyms	CD23A, CLEC4J, FCE2, IGBF
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Specificity	<p>Rabbit anti CD23 antibody recognizes low affinity immunoglobulin epsilon Fc receptor, also known as FCER2 and BLAST-2.</p> <p>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).</p>
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Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Guarantee	12 months from date of despatch
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Health And Safety Information	<p>Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/MCA6364</p> <p>10048</p>
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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](#)

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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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