

Datasheet: MCA6340

BATCH NUMBER 157603

Description:	RABBIT ANTI CD20
Specificity:	CD20
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM272
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	▪			1/500 - 1/1000
Western Blotting	▪			1/1000 - 1/2000

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 CD20
External Database	UniProt:

Links[P11836](#) [Related reagents](#)**Entrez Gene:**[931](#) MS4A1 [Related reagents](#)**Synonyms**

CD20

Specificity

Rabbit anti CD20 antibody recognizes B-lymphocyte antigen CD20, also known as Bp35 and MS4A1.

CD20 is a non-glycosylated protein expressed on the surface of B lymphocytes and consisting of four hydrophobic transmembrane domains ([Pavlasova and Mraz 2020](#)). CD20 is involved with the regulation of transmembrane Ca²⁺ conductance, and is also involved with cell cycle progression during human B cell proliferation and activation ([Payandeh et al. 2018](#)). Deficiencies of CD20 have been shown to produce attenuated antibody production and germinal centre formation. Owing to its structure and expression pattern, CD20 is an important therapeutic target. Therapeutic antibodies against CD20 have revolutionized treatment of B cell haematological malignancies. Anti-CD20 antibodies also play roles in the treatment of inflammatory and autoimmune diseases ([Casan et al. 2018](#)).

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

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