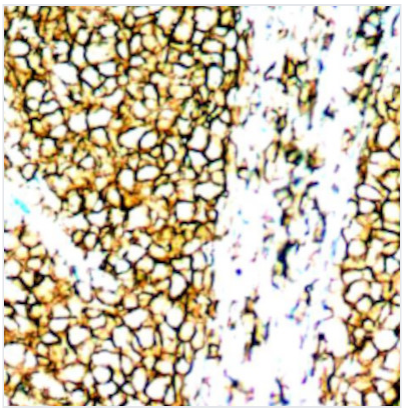
CD20 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD20, Polyclonal Antibody
Full Product Name	Rabbit anti CD20 antibody
Product Gene Name	anti-CD20 antibody
Product Synonym Names	Rabbit anti-CD20; MS4A1; CD20; CD20 antigen; CD20 receptor; B-Lymphocyte cell-surface antigen B1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Specificity	This antibody recognizes ~34 kDa of human CD20. The other species are not tested
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C - 8 degree C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.
Molecular Weight	34.0
3D Structure	ModBase 3D Structure for P11836
Antigen Preparation	A synthetic peptide corresponding to C-terminus of human CD20 protein.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Applications Tested/Suitable for anti-CD20 antibody	ELISA (EIA), Western Blot (WB), Immunoprecipitation (IP), Immunohistochemistry-paraffin (IHC-p)
Application Notes for anti-CD20 antibody	WB: 0.1-1 ug/ml EIA: 0.01-0.1 ug/ml IP: 2-5 ug/ml IHC: 2-10 ug/ml Optimal dilutions should be determined by researchers for the specific applications.
Related Product Information for anti-CD20 antibody	CD20, a non-glycosylated protein, belongs to a member of the membrane-spanning 4A gene family. The molecular weight is at a range of ~34-37kDa depending on the degree of the protein phosphorylation. The CD20 antigen is present on human pre B lymphocytes and B lymphocytes at all stages of maturation. Thus, it plays an important role in the development and differentiation of B-cells into plasma cells. Low level of CD20 expression appears on normal T lymphocytes. Combination of chemo and humanized CD20 antibodies has been reported in clinical study of lymphoma diseases.
Product References and Citations for anti-CD20 antibody	Smith MR, Rituximab (monoclonal anti-CD20 antibody): mechanisms of action and resistance. Oncogene, 2003 Oct 20;22 (47):7359-68.
Other Notes	Small volumes of anti-CD20 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD20 purchase	MBS462026 is an antibody targeting CD20. Also known as Rabbit anti CD20 antibody. Reactive in Human. Host: Rabbit.

Western Blot (WB) of anti-CD20 antibody
Western Blot: The whole lysates derived from human spleen were immunoblotted by Rabbit anti-CD20 (Cat# MBS462026) at 1:1000. Observed a major immunoreactive band at molecular weight ~34 kDa.



Immunohistochemistry (IHC) of anti-CD20 antibody
Immunohistochemistry: Human tonsil tissue (FFPE) was stained with Anti-CD20 antibody, (Cat# MBS462026) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD20. It may not necessarily be applicable to this product.

UniProt Primary Accession #	P11836
Protein Family	CD209 antigen
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/cd20/462026