## abcam

## Product datasheet

## Recombinant Human CD20 protein ab158047



## Specifications

Our Abpromise guarantee covers the use of ab158047 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Applications
SDS-PAGE
ELISA
Western blot

Form
Liquid
Additional notes
Concentration of ab158047 is lot specific, the displayed concentration is for the available lots.

Preparation and Storage
Stability and Storage
Shipped on dry ice. Upon delivery aliquot and store at $-80^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: $0.31 \%$ Glutathione, $0.79 \%$ Tris HCl

## General Info

| Function | This protein may be involved in the regulation of B-cell activation and proliferation. |
| :--- | :--- |
| Tissue specificity | Expressed on B-cells. |
| Involvement in disease | Defects in MS4A1 are the cause of immunodeficiency common variable type 5 (CVID5) <br> [MIM:613495]; also called antibody deficiency due to CD20 defect. CVID5 is a primary <br> immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent <br> bacterial infections and an inability to mount an antibody response to antigen. The defect results <br> from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of <br> circulating B cells is usually in the normal range, but can be low. |
| Bequence similarities | Belongs to the MS4A family. |
| Post-translational | Phosphorylated. Might be functionally regulated by protein kinase(s). |
| modifications | Membrane. |

Images
$175-$
$83-$
$62--$
$47.5-$
$32.5-$
$25-$

$16-$

SDS-PAGE - Recombinant Human CD20 protein
(ab158047)
ab158047 on a $12.5 \%$ SDS-PAGE stained with Coomassie Blue.

## Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors

