

Datasheet for ABIN7661181  
**anti-TNFRSF13C antibody (CF®740)**



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## Overview

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                  |
| Target:      | TNFRSF13C                                                                                               |
| Reactivity:  | Human                                                                                                   |
| Host:        | Mouse                                                                                                   |
| Clonality:   | Monoclonal                                                                                              |
| Conjugate:   | This TNFRSF13C antibody is conjugated to CF®740                                                         |
| Application: | Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

## Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | CD268 / BAFFR / TNFRSF13C(BAFFR/1557), CF740 conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen:       | Recombinant full-length human CD268 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clone:           | BAFFR-1557                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype:         | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Characteristics: | Defects in TNFRSF13C are the cause of immunodeficiency common variable type 4 (CVID4) , also called antibody deficiency due to BAFFR defect. CVID4 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins, the numbers of circulating B cells is usually in the normal range, but can be low. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional |

## Product Details

brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

|                   |                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TNFRSF13C                                                                                                                                        |
| Alternative Name: | BAFFR                                                                                                                                            |
| Background:       | Synonyms: TNFRSF13C, BAFFR, BR3, BAFF receptor, BLyS receptor 3, CD268, CD268 antigen, CVID4, Prolixin, BAFF-R, BROMIX<br>Gene Symbol: TNFRSF13C |
| Molecular Weight: | 19 kDa (Monomer), 40 kDa (Dimer)                                                                                                                 |
| Gene ID:          | 115650                                                                                                                                           |
| UniProt:          | <a href="#">Q96RJ3</a>                                                                                                                           |
| Pathways:         | <a href="#">NF-kappaB Signaling</a>                                                                                                              |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Positive Control: Raji cells. Tonsil and lymph node.               |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.1 mg/mL                                                                                                              |
| Buffer:            | PBS, 0.1 % rBSA, 0.05 % azide                                                                                          |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Protect from light                                                                                                     |
| Storage:           | 4 °C                                                                                                                   |

## Handling

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Storage Comment:                   Stable at room temperature or 37°C for 7 days.  
                                          Protect from light  
                                          Store at 2 to 8°C. Protect fluorescent conjugates from light

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Expiry Date:                       24 months