

Datasheet for ABIN7477403

**Recombinant anti-CD22 antibody (AA 52-178)**[Go to Product page](#)**3** Images

## Overview

Quantity:	1 mL
Target:	CD22
Binding Specificity:	AA 52-178
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD22 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fragment (around aa52-178) of human BL-CAM/CD22 protein (exact sequence is proprietary)
Clone:	MSVA-022R
Isotype:	IgG

## Target Details

Target:	CD22
Alternative Name:	CD22 ( <a href="#">CD22 Products</a> )
Background:	B-lymphocyte cell adhesion molecule (BL-CAM), B-cell receptor CD22, CD22, Lectin 2, Lyb8,

## Target Details

Sialic acid-binding Ig-like lectin 2 (Siglec-2), SIGLEC2, T-cell surface antigen Leu-14,CD22  
antibody validated for immunohistochemistry on 76 different Normal Tissues

UniProt: [P20273](#)

## Application Details

Application Notes: IHC 1:100-1:200

Comment: Positive Control: Tonsil or appendix: A strong, predominantly membranous CD22 staining of the germinal centre and mantle zone B-cells as well as of few interfollicular B-cells should be seen.  
Negative Control: Tonsil or appendix: A large fraction of the interfollicular lymphocytes and all epithelial cells must not show any CD22 staining.

Protocol: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Restrictions: For Research Use only

## Handling

Format: Liquid

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



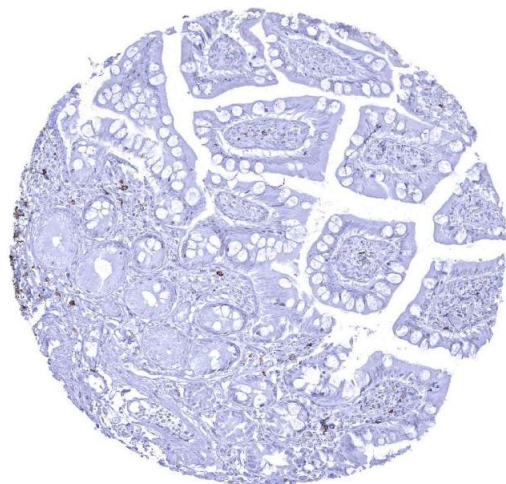
#### Immunohistochemistry

**Image 1.** B CLL exhibiting strong CD22 staining of tumor cells



#### Immunohistochemistry

**Image 2.** CD22 positive B lymphocytes predominate in the white pulp but are only sparse in the red pulp



#### Immunohistochemistry

**Image 3.** CD22 positive B lymphocytes are rare in this sample of ileum mucosa