

Datasheet for ABIN7145141  
**anti-CD79a antibody (AA 70-142)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	CD79a (CD79A)
Binding Specificity:	AA 70-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD79a antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human B-cell antigen receptor complex-associated protein alpha chain protein (70-142AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CD79a (CD79A)
Alternative Name:	CD79A ( <a href="#">CD79A Products</a> )
Background:	Background: Required in cooperation with CD79B for initiation of the signal transduction

## Target Details

cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.

Aliases: B lymphocyte-specific MB1 protein antibody, B-cell antigen receptor complex-associated protein alpha chain antibody, CD 79a antibody, CD79a antibody, CD79a antigen (immunoglobulin-associated alpha) antibody, CD79A antigen antibody, CD79a molecule, immunoglobulin-associated alpha antibody, CD79A\_HUMAN antibody, Ig alpha antibody, Ig-alpha antibody, IGA antibody, IgM-alpha antibody, Immunoglobulin-associated alpha antibody, Ly54 antibody, MB-1 membrane glycoprotein antibody, MB1 antibody, Membrane-bound immunoglobulin-associated protein antibody, Surface IgM-associated protein antibody

UniProt: [P11912](#)

Pathways: [BCR Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

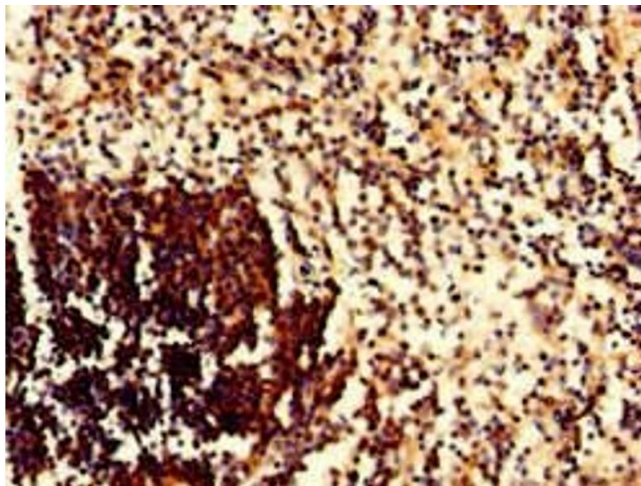
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

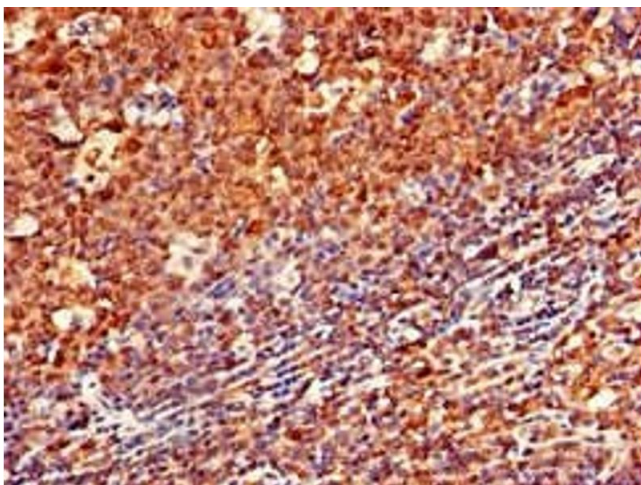
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



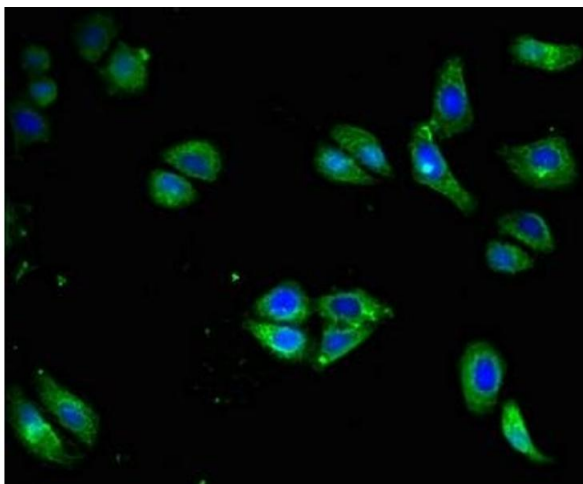
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human spleen tissue using ABIN7145141 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7145141 at dilution of 1:100



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7145141 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)