

Datasheet for ABIN7145158  
**anti-B-Cell Linker antibody (AA 41-337)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	B-Cell Linker (BLNK)
Binding Specificity:	AA 41-337
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B-Cell Linker antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human B-cell linker protein (41-337AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	B-Cell Linker (BLNK)
Alternative Name:	BLNK ( <a href="#">BLNK Products</a> )
Background:	Background: Functions as a central linker protein, downstream of the B-cell receptor (BCR), bridging the SYK kinase to a multitude of signaling pathways and regulating biological

## Target Details

outcomes of B-cell function and development. Plays a role in the activation of ERK/EPHB2, MAP kinase p38 and JNK. Modulates AP1 activation. Important for the activation of NF-kappa-B and NFAT. Plays an important role in BCR-mediated PLCG1 and PLCG2 activation and Ca(2+) mobilization and is required for trafficking of the BCR to late endosomes. However, does not seem to be required for pre-BCR-mediated activation of MAP kinase and phosphatidylinositol 3 (PI3) kinase signaling. May be required for the RAC1-JNK pathway. Plays a critical role in orchestrating the pro-B cell to pre-B cell transition. May play an important role in BCR-induced B-cell apoptosis.

Aliases: AGM4 antibody, B cell adapter containing SH2 domain protein antibody, B cell adapter containing Src homology 2 domain protein antibody, B cell adaptor containing SH2 domain antibody, B cell linker antibody, B cell linker protein antibody, B cell-specific adaptor protein antibody, B-cell activation antibody, B-cell adapter containing a SH2 domain protein antibody, B-cell adapter containing a Src homology 2 domain protein antibody, B-cell linker protein antibody, BASH antibody, Bca antibody, BLNK antibody, BLNK s antibody, BLNK\_HUMAN antibody, Cytoplasmic adapter protein antibody, Ly 57 antibody, Ly57 antibody, Lymphocyte antigen 57 antibody, Lyw 57 antibody, Lyw57 antibody, MGC111051 antibody, SH2 domain-containing leukocyte protein, 65-KD antibody, SLP 65 antibody, SLP-65 antibody, SLP65 antibody, Src homology [SH2] domain-containing leukocyte protein of 65 kD antibody, Src homology 2 domain containing leukocyte protein of 65 kDa antibody, Src homology 2 domain-containing leukocyte protein of 65 kDa antibody

UniProt: [Q8WV28](#)

Pathways: [BCR Signaling](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, 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

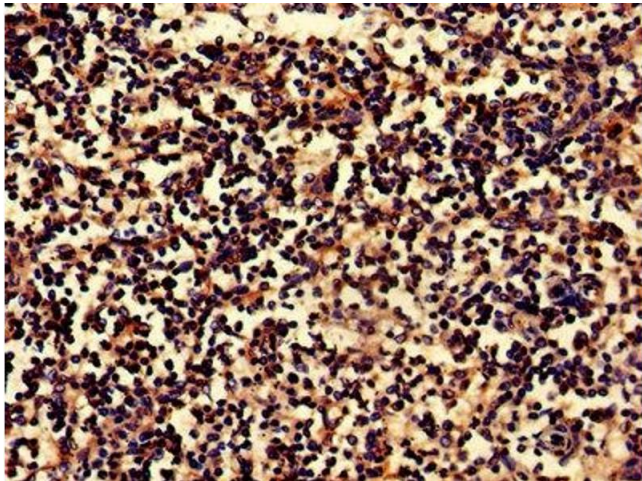
Handling

handled by trained staff only.

Storage: -20 °C,-80 °C

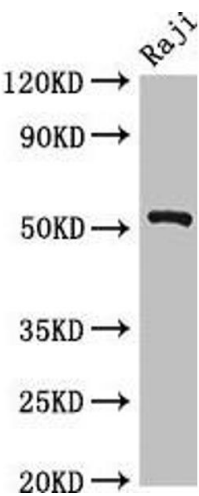
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



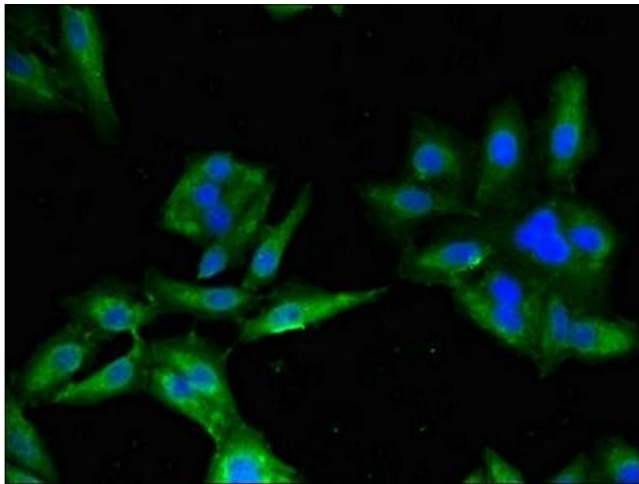
Immunohistochemistry

**Image 1.** IHC image of ABIN7145158 diluted at 1:800 and staining in paraffin-embedded human spleen tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

**Image 2.** Western Blot Positive WB detected in: Raji whole cell lysate All lanes: BLNK antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 51, 49, 45 kDa Observed band size: 51 kDa



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of Hela cells using ABIN7145158 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)