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Datasheet for ABIN968984  
**anti-B-Cell Linker antibody**

6 Images

2 Publications

### Overview

Quantity:	100 µL
Target:	B-Cell Linker (BLNK)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This B-Cell Linker antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Purified recombinant fragment of human BLNK expressed in E. coli.
Clone:	5G9
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	B-Cell Linker (BLNK)
Alternative Name:	BLNK ( <a href="#">BLNK Products</a> )
Background:	Description: This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The

## Target Details

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phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Aliases: AGM4, BASH, LY57, SLP65, BLNK-S, SLP-65, MGC111051

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Molecular Weight: 68 kDa

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Gene ID: 29760

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HGNC: 29760

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Pathways: [BCR Signaling](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Ascitic fluid containing 0.03 % sodium azide.

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Preservative: Sodium azide

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

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Storage: 4 °C/-20 °C

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Storage Comment: 4°C, -20°C for long term storage

## Publications

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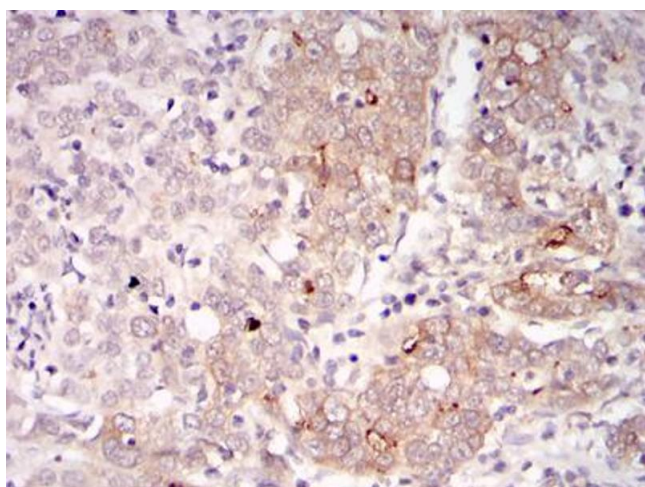
Product cited in: Sproul, Xu, Wilhelm, Gire, Greene: "Cbl negatively regulates JNK activation and cell death." in: **Cell research**, Vol. 19, Issue 8, pp. 950-61, (2009) ([PubMed](#)).

Sanada, Suzuki, Shih, Otsu, Kato, Yamazaki, Tamura, Honda, Sakata-Yanagimoto, Kumano, Oda, Yamagata, Takita, Gotoh, Nakazaki, Kawamata, Onodera, Nobuyoshi, Hayashi, Harada,

Kurokawa, Chiba, Mori et al.: "Gain-of-function of mutated C-CBL tumour suppressor in myeloid neoplasms. ..." in: **Nature**, Vol. 460, Issue 7257, pp. 904-8, (2009) ([PubMed](#)).

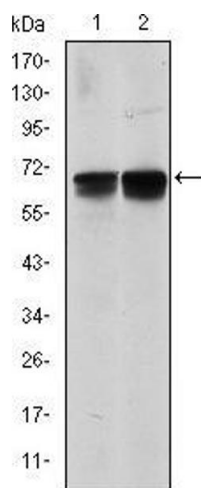
Loh, Sakai, Flotho, Kang, Fliegau, Archambeault, Mullighan, Chen, Bergstraesser, Bueso-Ramos, Emanuel, Hasle, Issa, van den Heuvel-Eibrink, Locatelli, Stary, Trebo, Wlodarski, Zecca, Shannon et al.: "Mutations in CBL occur frequently in juvenile myelomonocytic leukemia. ..." in: **Blood**, Vol. 114, Issue 9, pp. 1859-63, (2009) ([PubMed](#)).

Images



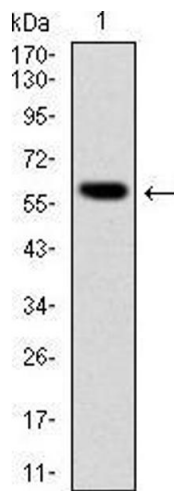
**Immunohistochemistry**

**Image 1.** Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BLNK mouse mAb with DAB staining.



**Western Blotting**

**Image 2.** Western blot analysis using BLNK mouse mAb against NIH/3T3 (1) and BCBL-1 (2) cell lysate.



### Western Blotting

**Image 3.** Western blot analysis using BLNK mAb against human BLNK (AA: 34-216) recombinant protein. (Expected MW is 60 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN968984.