

## BLNK (Phospho-Tyr96) Antibody

Catalog No: #11964

Package Size: #11964-1 50ul #11964-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

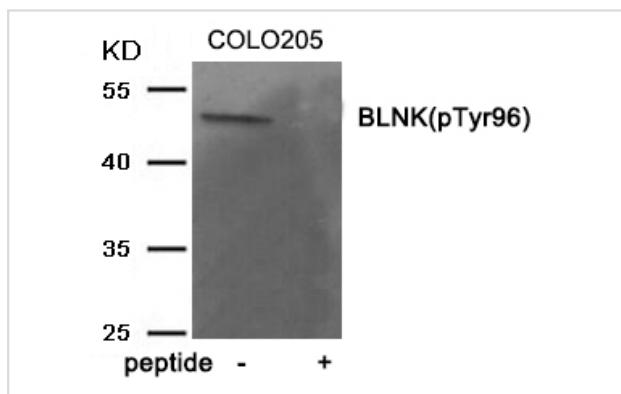
## Description

Product Name	BLNK (Phospho-Tyr96) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of BLNK only when phosphorylated at tyrosine 96.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 96(D-S-Y(p)-E-P) derived from Human BLNK .
Target Name	BLNK
Modification	Phospho
Other Names	B-cell linker protein; LY57; SLP-65; SLP65;
Accession No.	Swiss-Prot#: Q8WV28; NCBI Gene#: 29760; NCBI Protein#: NM_001114094.1
SDS-PAGE MW	50kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from COLO205 tissue using BLNK (Phospho-Tyr96) antibody #11964. The lane on the right is treated with the antigen-specific peptide.

## Background

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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 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<sup>2+</sup> 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.

Wang X, et al. (2012) *J Biol Chem* 287, 11037-48.      Patterson HC, et al. (2006) *Immunity* 25, 55-65 .      Chiu CW, et al. (2002) *EMBO J* 21, 6461-72.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.