

BLNK Monoclonal Antibody (5G9)

Catalog Number MA5-15868

Product data sheet

Details	
Size	100 µL
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5G9
Immunogen	Purified recombinant fragment of human BLNK expressed in E. Coli.
Conjugate	Unconjugated
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human, Mouse

Tested Applications	Dilution *
ELISA (ELISA)	1:10,000
Flow Cytometry (Flow)	1:200-1:400
Immunohistochemistry (IHC)	1:200-1:1,000
Western Blot (WB)	1:500-1:2,000
Immunocytochemistry (ICC/IF)	1:200-1:1,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

MA5-15868 targets BLNK in indirect ELISA, FACS, IF, IHC, and WB applications and shows reactivity with Human and mouse samples. The MA5-15868 immunogen is purified recombinant fragment of human BLNK expressed in E. Coli. . MA5-15868 detects BLNK which has a predicted molecular weight of approximately 68kDa.

Background/Target Information

B cell linker protein (Blnk) is a protein encoded by the Blnk gene located on chromosome 10 in humans. It is also known as SLP 65 (Src homology 2 domain-containing leukocyte protein of 65 kDa). It derives its name from being an adaptor protein in the B cell receptor signaling cascade with several supporting studies showing improper development of B cells in the absence of Blnk. Blnk undergoes tyrosine phosphorylation by Syk, a B cell receptor activated kinase, which provides a platform for interaction of signaling intermediaries such as the Vav GEF and Grb2.

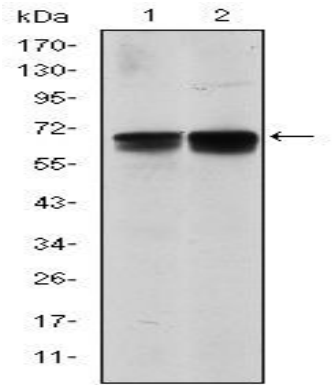
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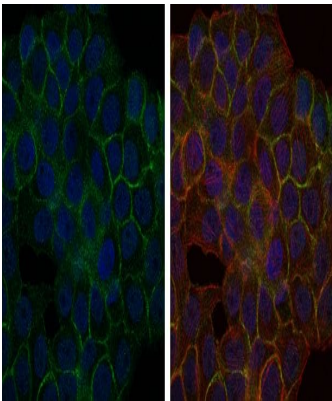
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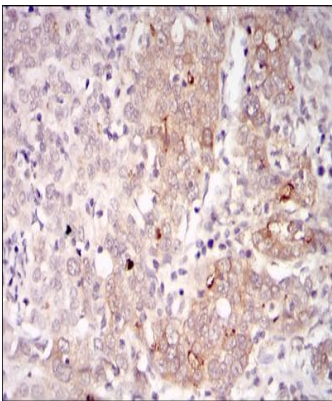
Product Images For BLNK Monoclonal Antibody (5G9)



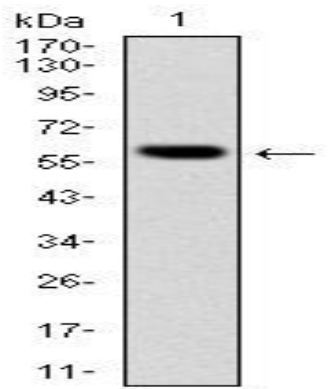
BLNK Antibody (MA5-15868) in WB
Western blot analysis of BLNK using BLNK monoclonal antibody (Product # MA5-15868) in NIH/3T3 (1) and BCBL-1 (2) cell lysate.



BLNK Antibody (MA5-15868) in ICC/IF
Immunofluorescence analysis of HepG2 cells using BLNK monoclonal antibody (Product # MA5-15868) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.



BLNK Antibody (MA5-15868) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BLNK monoclonal antibody (Product # MA5-15868) followed with DAB staining.



BLNK Antibody (MA5-15868) in WB
Western blot analysis of BLNK using a BLNK monoclonal antibody (Product # MA5-15868) against a human BLNK (AA: 34-216) recombinant protein.

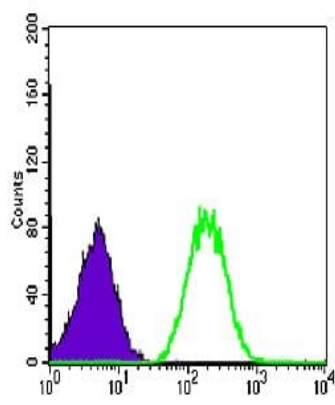
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BLNK Antibody (MA5-15868) in Flow

Flow cytometric analysis of NIH/3T3 cells using BLNK monoclonal antibody (Product # MA5-15868) (green) and negative control (purple).



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