

For Research Use Only

BLNK Monoclonal antibody, PBS Only



Catalog Number: 66953-1-PBS

Basic Information

Catalog Number: 66953-1-PBS	GenBank Accession Number: BC018906	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 29760	CloneNo.: 1A1A1
Source: Mouse	UNIPROT ID: Q8WV28	
Isotype: IgG1	Full Name: B-cell linker	
Immunogen Catalog Number: AG28673	Calculated MW: 50 kDa	
	Observed MW: 65-70 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, pig, mouse, rat

Background Information

BLNK (also known as SLP-65 or BASH) is an important adaptor protein selectively expressed in B-lineage cells. BLNK bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. BLNK has been shown to be necessary for BCR-mediated Ca²⁺ mobilization, for the activation of mitogen-activated protein kinases such as ERK, JNK, and p38 in a chicken B cell line DT40, and for activation of transcription factors such as NF-AT and NF- κ B in human or mouse B cells. BLNK plays a crucial role in pre-BCR-dependent progression of B cell development, BCR-mediated B cell survival, activation, proliferation, and T-independent immune responses.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

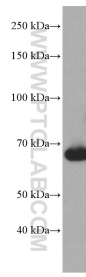
T: 4006900926

E: Proteintech-CN@ptglab.com

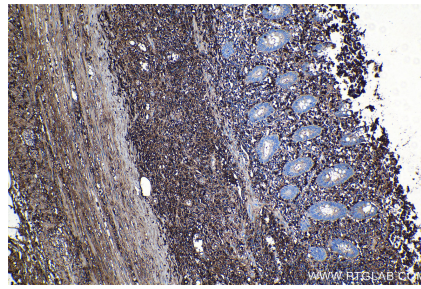
W: ptgcn.com

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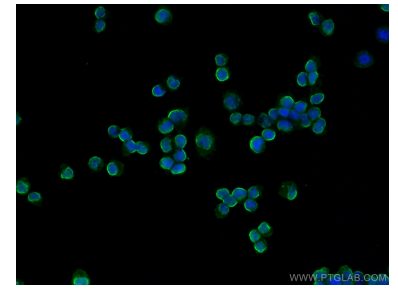
Selected Validation Data



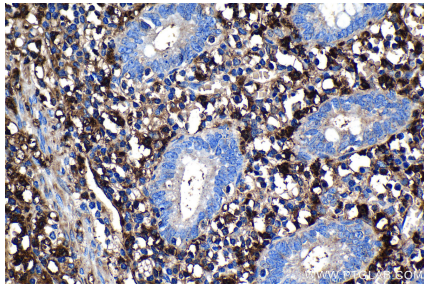
human spleen tissue were subjected to SDS PAGE followed by western blot with 66953-1-Ig (BLNK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66953-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66953-1-Ig (BLNK antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66953-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using BLNK antibody (66953-1-Ig, Clone: 1A1A1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66953-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 66953-1-Ig (BLNK antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66953-1-PBS in a different storage buffer formulation.