abcam

ab278566

Anti-BLNK (phospho Y84) antibody [BLNKY84-H4]

Recombinant | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Synthetic Peptide within Human BLNK pY84. The exact immunogen used to generate this antibody is proprietary information. Database link Q8WV28
Clone number	BLNKY84-H4
Purification technique	Affinity purification Protein A/G
Light chain type	kappa

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	0.001-1 µg/mL
Notes	-

Target data

See full target information BLNK pY84

Function	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(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 phosphatidyl-inositol 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.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

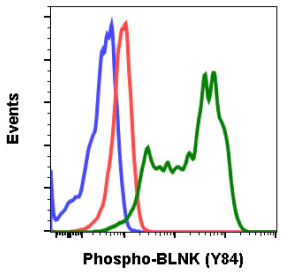
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

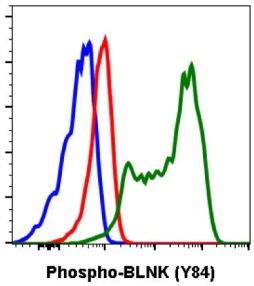
3 product images



Flow Cytometry - Anti-BLNK (phospho Y84) antibody [BLNKY84-H4] (ab278566)

BLNK (phospho Y84) Flow Cytometry staining using rabbit Anti-BLNK (phospho Y84) antibody

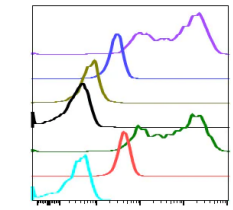
Flow cytometric analysis of Daudi cells secondary antibody only negative control (blue) or untreated (red) or treated with IFNa + IL-4 + pervanadate (green) using ab278566 at 0.01 µg/mL.



Flow Cytometry - Anti-BLNK (phospho Y84) antibody [BLNKY84-H4] (ab278566)

BLNK (phospho Y84) Flow Cytometry staining using rabbit Anti-BLNK (phospho Y84) antibody

Flow cytometric analysis of Daudi cells secondary antibody only negative control (blue) or untreated (red) or treated with IFNa + IL-4 + pervanadate (green) using 10 ng/mL of ab278566.



IgG	Treatment	Peptide Block	Median : BL1-A
H4	IFNa	Non-phos	88579
H4	Ctrl	Non-phos	2748
H4	IFNa	Phos	700
H4	Ctrl	Phos	343
H4	IFNa	-	75009
H4	Ctrl	-	4167
2° only	Ctrl	-	352

Flow Cytometry - Anti-BLNK (phospho Y84) antibody [BLNKY84-H4] (ab278566)

BLNK (phospho Y84) Flow Cytometry staining using rabbit Anti-BLNK (phospho Y84) antibody

Peptide blocking flow cytometric analysis of Daudi cells secondary antibody only negative control (light blue) or untreated (red) or with IFNa + IL-4 + pervanadate (green) or untreated and blocked with phospho-peptide (black) or treated and blocked with phospho peptide (gold) or untreated and blocked with non-phospho peptide (dark blue) or treated and blocked with non-phospho peptide (purple) using ab278566 at 0.01 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.