abcam

ab278698

Anti-CrkL (phospho Y207) antibody [CrkLY207-G4]

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 CRKL pY207. The exact immunogen used to generate this antibody is proprietary information. Database link P46109
Clone number	CrkLY207-G4
Purification technique	Affinity purification Protein A/G
Light chain type	kappa
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Mouse
Dilution info	0.001-1 µg/mL

Notes	-

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

WB

Tested

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

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

Target data

See full target information CRKL pY207

Function	May mediate the transduction of intracellular signals.

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

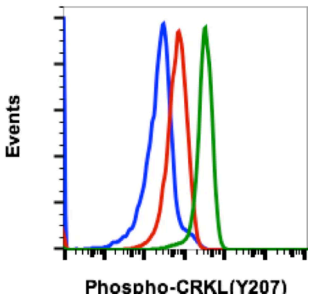
We do not recommend this combination. It is not covered by our product promise.

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.

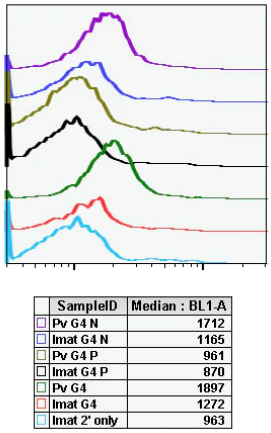
6 product images



Flow Cytometry - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

CrkL (phospho Y207) Flow Cytometry staining using rabbit Anti-CrkL (phospho Y207) antibody

Flow cytometric analysis of K562 cells secondary antibody only negative control (blue) or imatinib (red) or treated with pervanadate (green) using ab278698 at 0.05 µg/mL. .

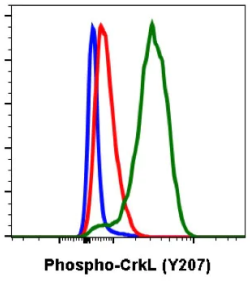


SampleID	Median : BL1-A
Pv G4 N	1712
Imat G4 N	1165
Pv G4 P	961
Imat G4 P	870
Pv G4	1897
Imat G4	1272
Imat 2° only	963

Flow Cytometry - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

CrkL (phospho Y207) Flow Cytometry staining using rabbit Anti-CrkL (phospho Y207) antibody

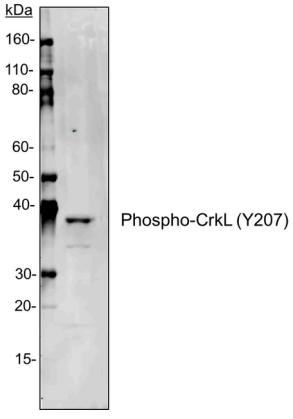
Peptide blocking flow cytometric analysis of K562 cells secondary antibody only negative control (light blue) or treated with imatinib (red) or treated with pervanadate (green) or imatinib and blocked with phospho-peptide (black) or pervanadate and blocked with phospho peptide (gold) or imatinib and blocked with non-phospho peptide (dark blue) or pervanadate and blocked with non-phospho peptide (purple) using ab278698 at 0.01µg/mL.



Flow Cytometry - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

CrkL (phospho Y207) Flow Cytometry staining using rabbit Anti-CrkL (phospho Y207) antibody

Flow cytometric analysis of K562 cells secondary antibody only negative control (blue) or treated with imatinib (red) or with pervanadate (green) using 0.05 µg/mL of ab278698 at 0.1ug/mL.

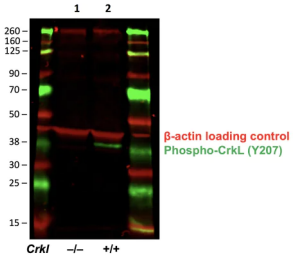


Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

All lanes:
Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698) at 1 µg/mL

All lanes:
NIH3T3 cell extract

Predicted band size: 34 kDa



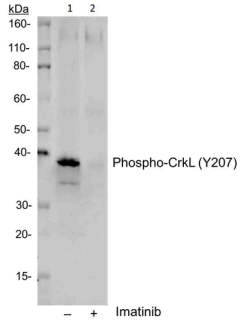
Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

The red channel was stained using a B-actin loading control.
All lanes:
Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698) at 1/500 dilution

Lane 1:
E10.5 mouse Crkl knock out (-/-) whole embryos.

Lane 2:
E10.5 mouse wild-type (+/+) whole embryos.

Predicted band size: 34 kDa



Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698)

All lanes:
Western blot - Anti-CrkL (phospho Y207) antibody [CrkLY207-G4] (ab278698) at 0.001 µg/mL

Lane 1:
K562 cell extract untreated

Lane 2:
K562 cell extract treated with imatinib

Predicted band size: 34 kDa

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