abcam

ab264423

Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.8 - 8.6 Preservative: 0.09% Sodium azide Constituents: 99% Borate buffered saline
Form	Liquid
Clonality	Monoclonal
Immunogen	Synthetic Peptide within Human BCL11A aa 1-50. The exact immunogen used to generate this antibody is proprietary information. Database link Q9H165
Clone number	BLR073G
Purification technique	Affinity purification
Purification notes	Purified from TCS.

Reactivity data

IP

Tested

Species	Human
Dilution info	-
Notes	6 µl/mg lysate

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

WB

Tested

Species	Mouse
Dilution info	1/1000
Notes	-

Species	Human
Dilution info	1/1000
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1 µL for 10^6 Cells
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Target data

See full target information BCL11A

Function	Transcription factor (PubMed:16704730, PubMed:29606353). Associated with the BAF SWI/SNF chromatin remodeling complex (PubMed:23644491, PubMed:39607926). Binds to the 5'-TGACCA-3' sequence motif in regulatory

regions of target genes, including a distal promoter of the HBG1 hemoglobin subunit gamma-1 gene (PubMed:29606353, PubMed:39423807). Involved in regulation of the developmental switch from gamma- to beta-globin, probably via direct repression of HBG1; hence indirectly repressing fetal hemoglobin (HbF) level (PubMed:26375765, PubMed:29606353, PubMed:39423807, PubMed:39607926). Involved in brain development (PubMed:27453576). May play a role in hematopoiesis (By similarity). Essential factor in lymphopoiesis required for B-cell formation in fetal liver (By similarity). May function as a modulator of the transcriptional repression activity of NR2F2 (By similarity).

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	+4°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

REACH authorisation

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.

It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

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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.

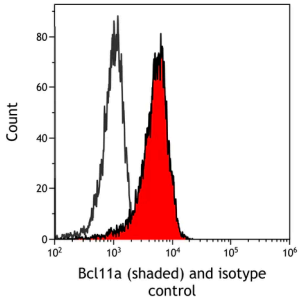
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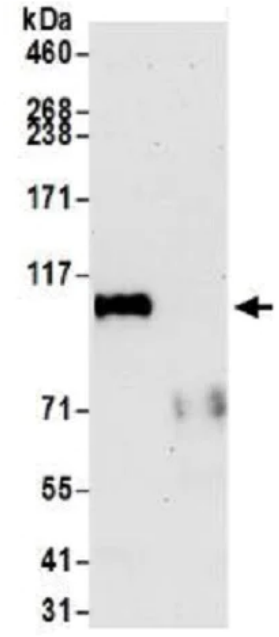
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4 product images



Flow Cytometry - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423)

Flow cytometry overlay histogram of 4% formaldehyde fixed Jurkat cells permeabilized with 90% methanol labeling human Bcl11a with ab264423 at 1 µl per 1 x 10^6 cells (shaded) compared with a Isotype control (unshaded). Secondary antibody details: DyLight® 488-conjugated goat anti-rabbit IgG (ab96883).



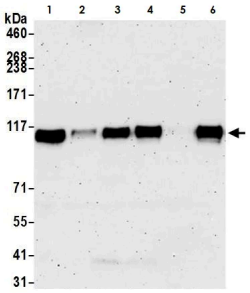
Immunoprecipitation - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423)

Ctip1/BCL-11A was immunoprecipitated from 1mg of Ramos (Human Burkitt's lymphoma cell line) whole cell lysate with ab264423 at 6 µl/mg lysate. Western blot was performed from the immunoprecipitate using ab264423 at 1/1000 dilution.

Lane 1: ab264423 IP in Ramos whole cell lysate.
Lane 2: Control IgG.
Exposure time: 75 secs.

All lanes:
Immunoprecipitation - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423)

Predicted band size: 91 kDa



Western blot - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423)

Ctip1/BCL-11A Western blot staining using rabbit Anti-Ctip1/BCL-11A antibody

Cells prepared using NETN lysis buffer.
All lanes:
Western blot - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423) at 1/1000 dilution

Lane 1:
Ramos whole cell lysate at 50 µg

Lane 2:
HEK-293T whole cell lysate at 50 µg

Lane 3:
Jurkat whole cell lysate at 50 µg

Lane 4:
MOLT4 whole cell lysate at 50 µg

Lane 5:
U-2 OS whole cell lysate at 50 µg

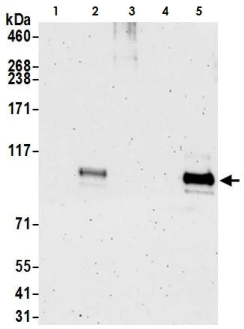
Lane 6:
Raji whole cell lysate at 50 µg

Secondary

All lanes:
HRP-conjugated goat anti-rabbit IgG

Predicted band size: 91 kDa

Exposure time: 3min



Western blot - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423)

Ctip1/BCL-11A Western blot staining using rabbit Anti-Ctip1/BCL-11A antibody

Cells prepared using NETN lysis buffer.
All lanes:
Western blot - Anti-Ctip1/BCL-11A antibody [BLR073G] - BSA free (ab264423) at 1/1000 dilution

Lane 1:
BW5147.3 whole cell lysate at 50 µg

Lane 2:
A20 whole cell lysate at 50 µg

Lane 3:
RenCa whole cell lysate at 50 µg

Lane 4:
EL4 whole cell lysate at 50 µg

Lane 5:
CH27 whole cell lysate at 50 µg

Secondary

All lanes:
HRP-conjugated goat anti-rabbit IgG

Predicted band size: 91 kDa

Exposure time: 3min

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