abcam

ab233713

Anti-Ctip2 antibody [1F8G8]

Mouse Monoclonal Ctip2 antibody. Suitable for Flow Cyt, WB, IHC-P, ICC/IF and reacts with Human samples. Cited in 1 publication. Immunogen corresponding to Recombinant Fragment Protein within Human BCL11B aa 1-150.

Image updates are in progress. Products remain available and covered by the Abcam Product Promise. Learn more.

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human BCL11B aa 1-150. The exact immunogen used to generate this antibody is proprietary information. Database link Q9C0K0
Clone number	1F8G8
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/200 - 1/400
Notes	-

WB

Tested

Species	Human
Dilution info	1/500 - 1/2000
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/200 - 1/1000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/50 - 1/250
Notes	-

Target data

See full target information BCL11B

Function	Key regulator of both differentiation and survival of T-lymphocytes during thymocyte development in mammals. Essential in controlling the responsiveness of hematopoietic stem cells to chemotactic signals by modulating the expression of the receptors CCR7 and CCR9, which direct the movement of progenitor cells from the bone marrow to the thymus (PubMed:27959755). Is a regulator of IL2 promoter and enhances IL2 expression in activated CD4(+) T-lymphocytes (PubMed:16809611). Tumor-suppressor that represses transcription through

direct, TFCOUP2-independent binding to a GC-rich response element (By similarity). May also function in the P53-signaling pathway (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	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

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

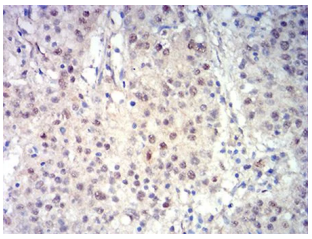
We do not recommend this combination. It is not covered by our product promise.

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.

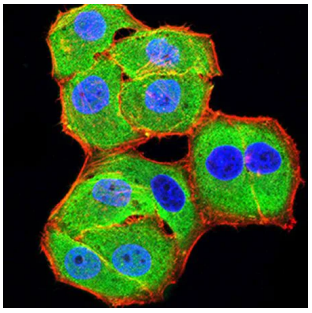
5 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ctip2 antibody [1F8G8] (ab233713)

Ctip2 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-Ctip2 antibody

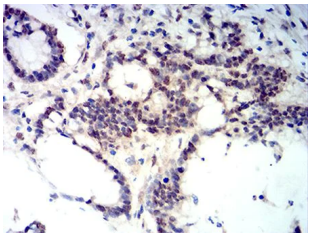
Paraffin-embedded human stomach cancer tissue stained for Ctip2 using ab233713 at 1/200 dilution in immunohistochemical analysis. DAB staining.



Immunocytochemistry/ Immunofluorescence - Anti-Ctip2 antibody [1F8G8] (ab233713)

Ctip2 Immunocytochemistry/ Immunofluorescence staining using mouse Anti-Ctip2 antibody

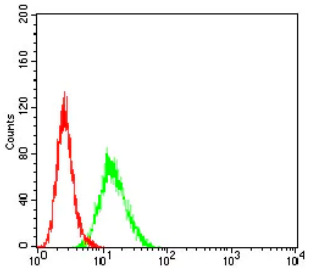
HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Ctip2 (green) using ab233713 at 1/50 dilution in ICC/IF. Actin is stained with AlexaFluor®555-Phalloidin (red). Blue: DRAQ5 DNA dye.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ctip2 antibody [1F8G8] (ab233713)

Ctip2 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-Ctip2 antibody

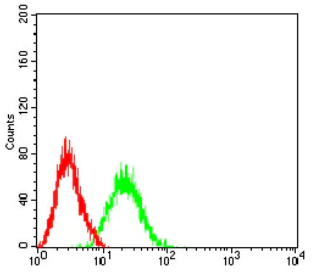
Paraffin-embedded human colon cancer tissue stained for Ctip2 using ab233713 at 1/200 dilution in immunohistochemical analysis. DAB staining.



Flow Cytometry - Anti-Ctip2 antibody [1F8G8] (ab233713)

Ctip2 Flow Cytometry staining using mouse Anti-Ctip2 antibody

Flow cytometric analysis of HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling Ctip2 with ab233713 at 1/200 dilution (green) compared with a negative control (red).



Flow Cytometry - Anti-Ctip2 antibody [1F8G8] (ab233713)

Ctip2 Flow Cytometry staining using mouse Anti-Ctip2 antibody

Flow cytometric analysis of Jurkat (human T cell leukemia cell line from peripheral blood) cells labeling Ctip2 with ab233713 at 1/200 dilution (green) compared with a negative control (red).

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