

Product datasheet

Anti-Ctip2 antibody [1F8G8] ab233713

7 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-Ctip2 antibody [1F8G8] |
| Description | Mouse monoclonal [1F8G8] to Ctip2 |
| Host species | Mouse |
| Tested applications | Suitable for: WB, IHC-P, Flow Cyt, ICC/IF |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment corresponding to Human Ctip2 aa 1-150. (Expressed in E.coli). Database link: Q9C0K0 |
| Positive control | WB: Recombinant human Ctip2 (aa1-150) protein; Ctip2 (aa1-150)-hlgG-Fc-transfected HEK-293 cell lysate. ICC/IF: HeLa cells. Flow cyt: HeLa and Jurkat cells. IHC-P: Human colon cancer and stomach cancer tissues. |
| General notes | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.05% Sodium azide Constituent: PBS |
| Purity | Protein G purified |
| Purification notes | Purified from tissue culture supernatant. |
| Clonality | Monoclonal |
| Clone number | 1F8G8 |
| Isotype | IgG1 |

Applications

Our [Abpromise guarantee](#) covers the use of **ab233713** in the following tested applications.

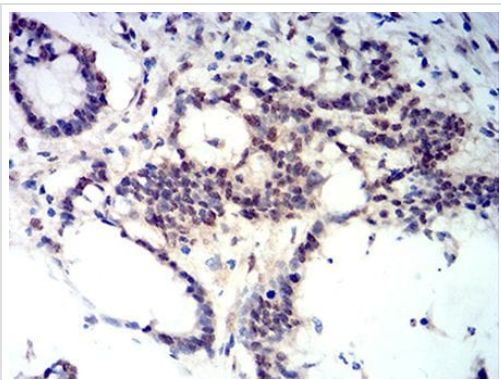
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/500 - 1/2000. Predicted molecular weight: 96 kDa. |
| IHC-P | | 1/200 - 1/1000. |
| Flow Cyt | | 1/200 - 1/400. |
| ICC/IF | | 1/50 - 1/250. |

Target

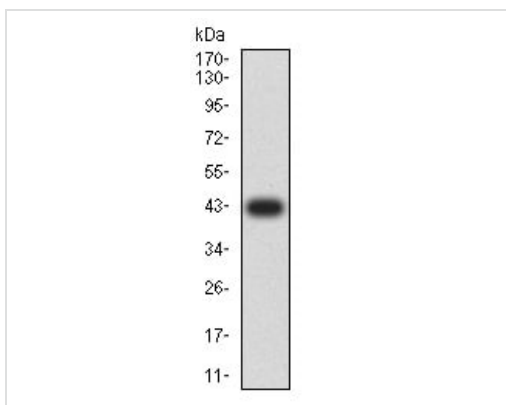
| | |
|------------------------------|--|
| Function | Tumor-suppressor protein involved in T-cell lymphomas. May function on the P53-signaling pathway. May be a key regulator of both differentiation and survival during thymocyte development. Repress transcription through direct, TFCOUP2-independent binding to a GC-rich response element. |
| Tissue specificity | Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma. |
| Sequence similarities | Contains 6 C2H2-type zinc fingers. |
| Cellular localization | Nucleus. |

Images



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

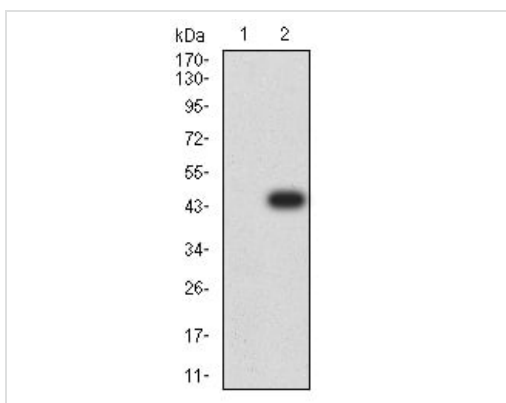
Paraffin-embedded human colon cancer tissue stained for Ctip2 using ab233713 at 1/200 dilution in immunohistochemical analysis. DAB staining.



Western blot - Anti-Ctip2 antibody [1F8G8] (ab233713)

Anti-Ctip2 antibody [1F8G8] (ab233713) at 1/500 dilution + Recombinant human Ctip2 (aa1-150) protein

Predicted band size: 96 kDa



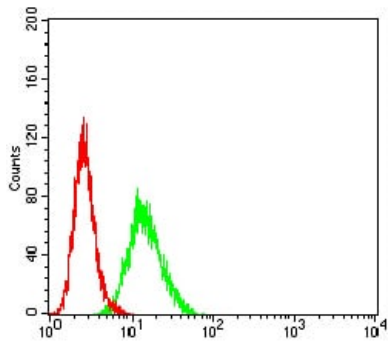
Western blot - Anti-Ctip2 antibody [1F8G8] (ab233713)

All lanes : Anti-Ctip2 antibody [1F8G8] (ab233713) at 1/500 dilution

Lane 1 : Non-transfected HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

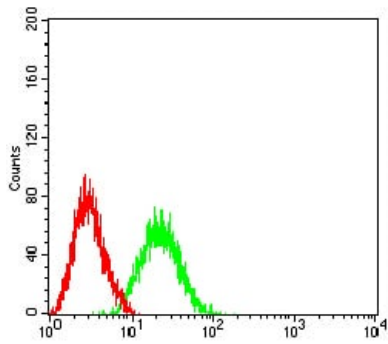
Lane 2 : Ctip2 (aa1-150)-hlgG-Fc-transfected HEK-293 cell lysate

Predicted band size: 96 kDa



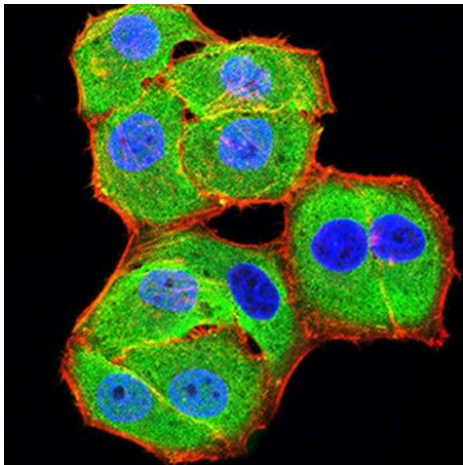
Flow Cytometry - Anti-Ctip2 antibody [1F8G8] (ab233713)

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).



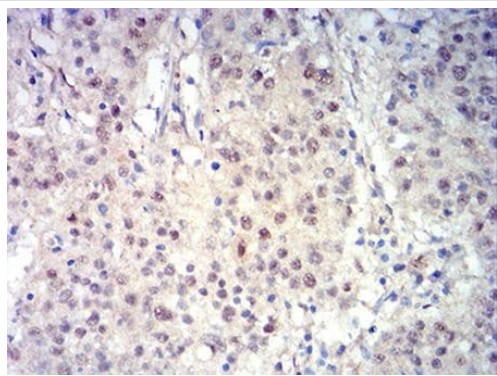
Flow Cytometry - Anti-Ctip2 antibody [1F8G8] (ab233713)

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).



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

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.



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

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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