




Product datasheet

Anti-CTNNBL1 antibody [1E4F5] ab201971

7 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-CTNNBL1 antibody [1E4F5] |
| Description | Mouse monoclonal [1E4F5] to CTNNBL1 |
| Host species | Mouse |
| Tested applications | Suitable for: IHC-P, WB, ICC/IF, Flow Cyt |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Cow  |
| Immunogen | Recombinant fragment corresponding to Human CTNNBL1 aa 350 to the C-terminus. Recombinant fragment expressed in E coli Database link: Q8WYA6  Run BLAST with  Run BLAST with |
| Positive control | CTNNBL1 transfected HEK293 cells; HeLa and MCF7 cells; paraffin-embedded colon cancer and esophageal cancer tissues; HeLa, Jurkat, HEK293, A431, HepG2, and RAJI cell lysates. |
| General notes | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As |

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: 99% PBS |
| Purity | Protein G purified |
| Purification notes | Purified from tissue culture supernatant. |
| Clonality | Monoclonal |
| Clone number | 1E4F5 |

Isotype

IgG1

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab201971 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 |
|-------------|-----------|---|
| IHC-P | | 1/200 - 1/1000. |
| WB | | 1/500 - 1/2000. Predicted molecular weight: 65 kDa. |
| ICC/IF | | 1/200 - 1/1000. |
| Flow Cyt | | 1/200 - 1/400. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

Target

Function

Induces apoptosis in CHO cells.

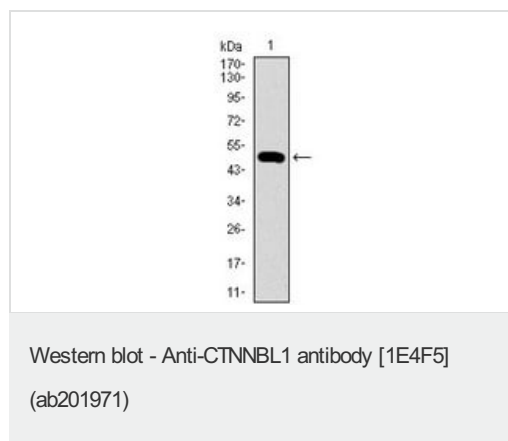
Tissue specificity

Widely expressed with highest levels in skeletal muscle, placenta, heart, spleen, testis and thyroid.

Cellular localization

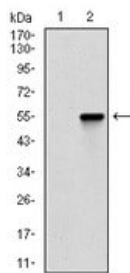
Nucleus.

Images



Anti-CTNNBL1 antibody [1E4F5] (ab201971) at 1/500 dilution + human CTNNBL1 (aa: 390-557) recombinant protein.

Predicted band size: 65 kDa



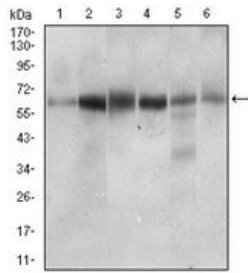
Western blot - Anti-CTNNB1 antibody [1E4F5] (ab201971)

All lanes : Anti-CTNNB1 antibody [1E4F5] (ab201971) at 1/500 dilution

Lane 1 : HEK293 cell lysate

Lane 2 : CTNNB1 (aa 390-557)-hIgGFc transfected HEK293 cell lysate

Predicted band size: 65 kDa



Western blot - Anti-CTNNB1 antibody [1E4F5] (ab201971)

All lanes : Anti-CTNNB1 antibody [1E4F5] (ab201971) at 1/500 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

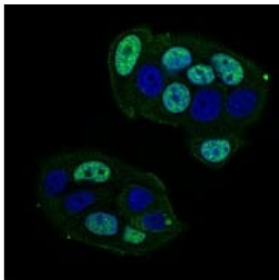
Lane 3 : HEK293 cell lysate

Lane 4 : A431 cell lysate

Lane 5 : HepG2 cell lysate

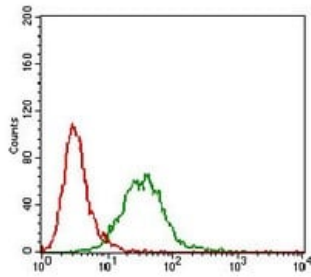
Lane 6 : Raji cell lysate

Predicted band size: 65 kDa



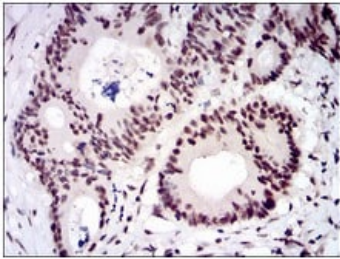
Immunocytochemistry/ Immunofluorescence - Anti-CTNNB1 antibody [1E4F5] (ab201971)

Immunofluorescence analysis of MCF-7 cells labeling CTNNB1 using ab201971 at 1/200 dilution (green). Blue: DRAQ5 fluorescent DNA dye.



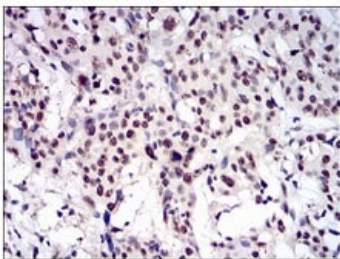
Flow Cytometry - Anti-CTNNBL1 antibody [1E4F5]
(ab201971)

Flow cytometric analysis of HeLa cells labeling CTNNBL1 using ab201971 at 1/200 dilution (green) and negative control (red).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTNNBL1 antibody [1E4F5] (ab201971)

Immunohistochemical analysis of paraffin-embedded colon cancer tissue labeling CTNNBL1 with ab201971 at 1/200 dilution with DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTNNBL1 antibody [1E4F5] (ab201971)

Immunohistochemical analysis of paraffin-embedded esophageal cancer tissue labeling CTNNBL1 using ab201971 at 1/200 dilution with DAB staining.

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