

Product datasheet

Anti-delta 1 Catenin/CAS (phospho Y291) antibody [EP2385Y] ab81274

RabMAb

[1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-delta 1 Catenin/CAS (phospho Y291) antibody [EP2385Y] |
| Description | Rabbit monoclonal [EP2385Y] to delta 1 Catenin/CAS (phospho Y291) |
| Host species | Rabbit |
| Tested applications | Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to Human delta 1 Catenin/CAS (phospho Y291). |
| Positive control | Jurkat cell lysate treated with pervanadate |
| General notes | <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>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.</p> <p>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</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | <p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p> |

| | |
|---------------------|----------------------------|
| Purity | Tissue culture supernatant |
| Clonality | Monoclonal |
| Clone number | EP2385Y |
| Isotype | IgG |

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab81274 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

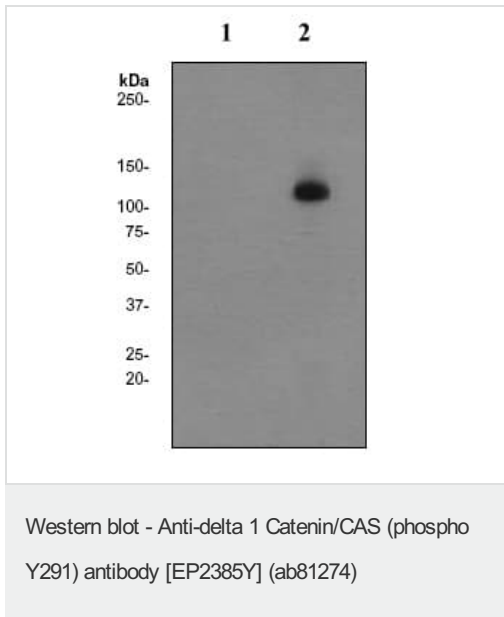
| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/10000 - 1/20000. Predicted molecular weight: 108 kDa. |

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

| | |
|---|--|
| Function | Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). May associate with and regulate the cell adhesion properties of both C- and E-cadherins. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage. |
| Tissue specificity | Expressed in vascular endothelium. |
| Sequence similarities | Belongs to the beta-catenin family. Contains 10 ARM repeats. |
| Domain | A possible nuclear localization signal exists in all isoforms where Asp-626--631-Arg are deleted. |
| Post-translational modifications | Phosphorylated by protein-tyrosine kinases. Dephosphorylated by PTPRJ. |
| Cellular localization | Cytoplasm. Nucleus. Cell membrane. Interaction with GLIS2 promotes nuclear translocation (By similarity). NANOS1 induces its translocation from sites of cell-cell contact to the cytoplasm. |

Images



All lanes : Anti-delta 1 Catenin/CAS (phospho Y291) antibody [EP2385Y] (ab81274) at 1/20000 dilution

Lane 1 : Jurkat cell lysate untreated

Lane 2 : Jurkat cell lysate treated with pervanadate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti rabbit at 1/2000 dilution

Predicted band size: 108 kDa

Observed band size: 108 kDa

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

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