

Anti-DeltaD antibody [DId 5C7/2, zdd2] ab73331

★★★★★ [1 Abreviews](#) [11 References](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-DeltaD antibody [DId 5C7/2, zdd2] |
| Description | Mouse monoclonal [DId 5C7/2, zdd2] to DeltaD |
| Host species | Mouse |
| Specificity | This antibody recognises the extracellular domain of zebrafish DeltaD. This antibody does not detect DeltaC; but it cross-reacts weakly with DeltaA. |
| Tested applications | Suitable for: WB, ELISA, ICC/IF, IHC-Fr, IHC - Wholmount, Flow Cyt |
| Species reactivity | Reacts with: Zebrafish |
| Immunogen | Extracellular DeltaD peptide (Zebrafish). |
| Epitope | Zebrafish DeltaD protein extracellular domain. |
| Positive control | HEK293 cells transfected with deltaD or zebrafish embryo. |
| General notes | <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 or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: 0.02% Sodium azide Constituent: 99.98% PBS |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | DId 5C7/2, zdd2 |
| Myeloma | Sp2/0-Ag14 |
| Isotype | IgG1 |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab73331 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 | | Use at an assay dependent concentration. |
| ELISA | | Use at an assay dependent concentration. |
| ICC/IF | | Use at an assay dependent concentration. |
| IHC-Fr | | Use at an assay dependent concentration. |
| IHC - Wholemount | ★★★★★ (1) | Use at an assay dependent concentration. |
| Flow Cyt | | Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

Target

Relevance DeltaD is one of the 4 members of the zebrafish Delta family of Notch ligands, important in the control of cell differentiation in many tissues. DeltaD acts as a ligand for Notch receptors and is involved in primary neurogenesis and somitogenesis. It can activate Notch receptors, thereby playing a key role in lateral inhibition, a process that prevents the immediate neighbors of each nascent neural cell from simultaneously embarking on neural differentiation. It is required in somite segmentation to keep the oscillations of neighboring presomitic mesoderm cells synchronized.

Cellular localization Cell Membrane

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