

## Product datasheet

# Anti-DeltaC antibody [zdc2] ab73336

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### Overview

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<b>Product name</b>	Anti-DeltaC antibody [zdc2]
<b>Description</b>	Mouse monoclonal [zdc2] to DeltaC
<b>Host species</b>	Mouse
<b>Specificity</b>	Delta proteins activate Notch through a binding reaction that depends on their extracellular domains. During somitogenesis, Notch signalling via DeltaC keeps the oscillations of neighbouring cells in synchrony. DeltaC is also expressed in subsets of cells in the nervous system and elsewhere.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, IHC-Fr, ICC/IF, Flow Cyt, IHC - Wholmount, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Zebrafish
<b>Immunogen</b>	Extracellular region of DeltaC protein (Zebrafish).
<b>Epitope</b>	DeltaC extracellular domain.
<b>Positive control</b>	HEK293 cells transfected with DeltaC or zebrafish embryo cryosections (formulin fixed).
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	zdc2

**Myeloma** Sp2/0-Ag14  
**Isotype** IgG2a

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab73336 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
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IHC - Wholemount	★★★★★ (1)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

## Target

**Relevance** DeltaC acts as a ligand for Notch receptors and is involved in somitogenesis. It can activate Notch receptors. It is required in somite segmentation to keep the oscillations of neighboring presomitic mesoderm cells synchronized.

**Cellular localization** Membrane; Single-pass type I membrane protein

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

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