

Anti-Zebrafish DeltaD [zdd2]

Catalogue number: 151283

Sub-type: Primary antibody

Images:

Contributor

Inventor: Gavin Wright

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Zebrafish DeltaD [zdd2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Delta proteins activate Notch through a binding reaction that depends on their extracellular domains; they play a key role in the control of cell differentiation by lateral inhibition. DeltaD is widely expressed in subsets of cells in the nervous system, mesoderm, gut, and elsewhere. Deltas associate with membrane-associated scaffolding proteins MAGI1, MAGI2 and MAGI3. This antibody does not detect DeltaC; but it cross-reacts weakly with DeltaA.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Zebrafish

Selectivity:

Host: Mouse

Immunogen: Extracellular domain; DeltaD peptide

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

HEK293 cells transfected with deltaD; and zebrafish embryo

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Zebrafish DeltaD extracellular domain

Target alternate names:

Target background: Delta proteins activate Notch through a binding reaction that depends on their extracellular domains; they play a key role in the control of cell differentiation by lateral inhibition. DeltaD is widely expressed in subsets of cells in the nervous system, mesoderm, gut, and elsewhere. Deltas associate with membrane-associated scaffolding proteins MAGI1, MAGI2 and MAGI3. This antibody does not detect DeltaC; but it cross-reacts weakly with DeltaA.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Gildemeister et al. 2009. J Biol Chem. 284(46):31945-52. PMID: 19783859. ; Cellular redistribution of Rad51 in response to DNA damage: novel role for Rad51C. ; Nagaraju et al. 2009. Mol Cell Biol. 29(15):4283-94. PMID: 19470754. ; XRCC2 and XRCC3 regulate the balance between short- and long-tract gene conversions between sister chromatids. ; French et al. 2002. J Biol Chem. 277(22):19322-30. PMID: 11912211. ; Role of mammalian RAD51L2 (RAD51C) in recombination and genetic stability.

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