

Mouse anti-Human Delta-like 1 Monoclonal Antibody

Mouse Anti-Delta-like 1

CATALOG # AAA14690	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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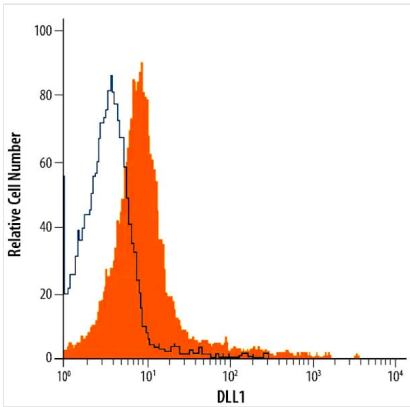
PRODUCT SYNONYMS

Delta-like 1; Monoclonal Antibody; Mouse Anti-Delta-like 1; DLL1; Delta1; DL1; H-Delta-1; UNQ146/PRO172; anti-Delta-like 1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	9H109
Specificity	Recognizes human Delta-like 1. Does not crossreact with recombinant mouse DLL4.
Purity/Purification	Purified by Protein G affinity chromatography from hybridoma culture supernatant.
Form/Format	Supplied as a liquid in saline buffer, 0.5% BSA, 0.09% sodium azide. Labeled with Allophycocyanin (APC).
Concentration	0.01 mg/ml (varies by lot)
Applicable Applications for anti-Delta-like 1 antibody	FCM/FACS (Flow Cytometry)
Application Notes	FC: 10ul labels 1x10e6. T95G human Glioblastoma cell line. Optimal dilutions to be determined by the researcher. Other applications not tested. Flow Cytometry: 1. T98G cells. may be Fc-blocked with 1ug of human IgG/10e5 cells for 15 minutes at RT. Do not wash excess blocking IgG from this reaction. 2. After blocking, add 10ul of AAA14690 to $\leq 1 \times 10^6$ cells and incubated for 30 minutes at RT. 3. Wash the cells twice in Flow Cytometry Staining Buffer. Note that whole blood requires a RBC lysis step at this point using Flow Cytometry Human Lyse Buffer. 4. Resuspended the cells in Flow Cytometry Staining Buffer for final flow cytometric analysis. As a control for this analysis, cells in a separate tube should be treated with APC-labeled mouse IgG2B antibody. This procedure may need to be modified, depending upon the cell type and final utilization. Individual users may need to titrate to determine the optimal reagent amount for their specific use.
Source	Human
Immunogen	Recombinant protein corresponding to Ser22-Gly540 of human Delta Like Protein 1 extracellular domain expressed in NSO cells.
Grade	Affinity Purified
Conjugation	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



FCM (Flow Cytometry)
T98G cells were stained with AAA14690 (filled histogram) or isotype control (open histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-Delta-like 1 antibody	DLL1 is the human homolog of the Drosophila Notch ligand, Delta. It is a type I transmembrane protein with a DSL (Delta, Serrate, Jagged) domain followed by 8 EGF-like domains in its extracellular region and a short cytoplasmic region. Notch-DSL signaling plays an important role in the differentiation processes of many tissues.
Product Categories/Family for anti-Delta-like 1 antibody	Antibodies; Abs to Notch Proteins

NCBI AND UNIPROT INFORMATION

NCBI GeneID	28514
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/delta-like-1-antibody-clone-9h109-flow-cytometry-elisa/14690>