

Datasheet for ABIN1169261
anti-DLL4 antibody



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1 Publication

Overview

Quantity:	100 µg
Target:	DLL4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This DLL4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant mouse DLL4:Fc.
Clone:	9A1-5
Isotype:	IgG1
Specificity:	Recognizes mouse DLL4.
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified from concentrated hybridoma tissue culture supernatant.
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	DLL4
Alternative Name:	DLL4 (DLL4 Products)

Target Details

Background:	The Notch ligand delta-like protein 4 (DLL4) is expressed highly and selectively within the arterial endothelium and has been shown to function as a ligand for Notch1 and Notch4. It is induced by VEGF as a negative feedback regulator and acts to prevent overexuberant angiogenic sprouting, promoting the timely formation of a well differentiated vascular network. DLL4-Notch1 signaling regulates the formation of appropriate numbers of tip cells to control vessel sprouting and branching in the mouse retina.
UniProt:	Q9JI71
Pathways:	Notch Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	In PBS containing 10 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Fiorini, Ferrero, Merck, Favre, Pierres, Luther, MacDonald: "Cutting edge: thymic crosstalk regulates delta-like 4 expression on cortical epithelial cells." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 181, Issue 12, pp. 8199-203, (2008) (PubMed).
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