Datasheet for ABIN1169263

anti-DLL4 antibody (Extracellular Domain)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	DLL4
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human DLL4 (extracellular domain).
Clone:	DL86-3AG
Isotype:	IgG1
Specificity:	Recognizes human DLL4.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	DLL4
Alternative Name:	DLL4 (DLL4 Products)
Background:	The Notch ligand delta-like protein 4 (DLL4) is expressed highly and selectively within the

Target Details

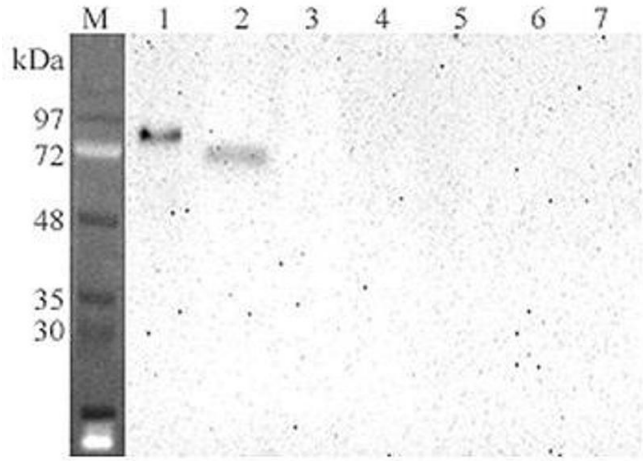
	arterial endothelium and has been shown to function as a ligand for Notch1 and Notch4. It is induced by VEGF as a negative feedback regulator and acts to prevent overexuberant angiogenic sprouting, pro-moting the timely formation of a well differentiated vascular network. DLL4-Notch1 signaling regulates the formation of appropriate numbers of tip cells to control vessel sprouting and branching in the mouse retina.
UniProt:	Q9NR61
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:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
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



Western Blotting

Image 1. Western blot analysis using anti-DLL4 (human), mAb (DL86-3AG) at 1:2'000 dilution. 1: Human DLL4 Fc-protein. 2: Transfected human DLL4 cell lysate (HEK 293). 3: Mock transfected HEK 293 cell lysates. 4: Human DLL1 Fc-protein. 5: Human DLK1 Fc-protein. 6: Human DNER Fc-protein. 7: Human ACE2 Fc-protein (negative control).

