

Product datasheet for **TA320321**

Dll1 Hamster Monoclonal Antibody [Clone ID: HMD1-5]

Product data:

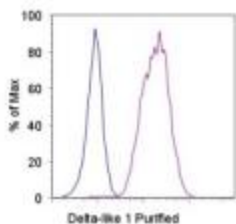
Product Type:	Primary Antibodies
Clone Name:	HMD1-5
Applications:	FC
Recommended Dilution:	Flow, IHC
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	delta-like 1 (Drosophila)
Database Link:	NP_031891 Entrez Gene 13388 Mouse Q61483

Background: The HMD1-5 monoclonal antibody reacts with mouse Delta-like 1, one of five type I transmembrane proteins that serves as a Notch receptor ligand. Upon binding the Notch receptor (e.g. Notch 1-4), Delta-like 1 undergoes proteolytic cleavage, first by ADAM-family metalloproteases and then by γ -secretase. The second cleavage event releases an intracellular fragment whose biological function remains controversial. Delta-like 1 is expressed by thymic stromal cells, as well as on macrophages, dendritic cells, and stromal cells in the spleen. This protein is also expressed in nonhematopoietic tissues such as the lung and brain. Delta-like 1 has been linked to B cell development and differentiation, especially marginal zone and plasma cells, regulation of splenic dendritic cells, and leukemogenesis.

Synonyms: Delta; DELTA1; DL1; H-Delta-1



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Product images:

Staining of Delta-like 1-transfected CHO cells with 0.25 ug of Armenian Hamster IgG Isotype Control Purified (blue histogram) or 0.25 ug of Anti-Mouse DLL1 (delta-like 1) Purified (purple histogram). Total viable cells were used for analysis.