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DLL1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DLL1.
Catalog # AT1772a

Product Information

Application	WB, IF, E
Primary Accession	O00548
Other Accession	NM_005618
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4F8
Calculated MW	78056

Additional Information

Gene ID	28514
Other Names	Delta-like protein 1, Drosophila Delta homolog 1, Delta1, H-Delta-1, DLL1
Target/Specificity	DLL1 (NP_005609, 18 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DLL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

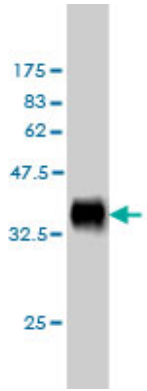
DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cell-to-cell communication.

References

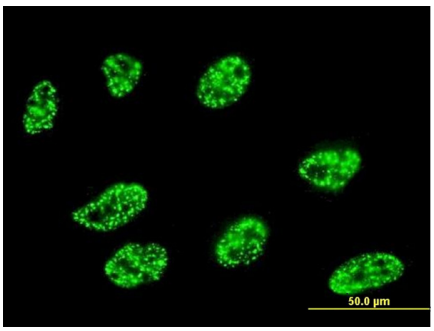
Squamous odontogenic tumor of the mandible: a case report demonstrating immunoexpression of Notch1, 3, 4, Jagged1 and Delta1. Siar CH, et al. Eur J Med Res, 2010 Apr 8. PMID 20554499.Cis-interactions between Notch and Delta generate mutually exclusive signalling states. Sprinzak D, et al. Nature, 2010 May 6. PMID 20418862.Notch1 induces enhanced expression of Delta-like-1 in the U251MG glioma cell line. Qian CF, et al.

Int J Mol Med, 2009 Oct. PMID 19724883.Genetic variation in healthy oldest-old. Halaschek-Wiener J, et al. PLoS One, 2009 Aug 14. PMID 19680556.Aberrant expression of Notch signaling molecules in patients with immune thrombocytopenic purpura. Ma D, et al. Ann Hematol, 2010 Feb. PMID 19603167.

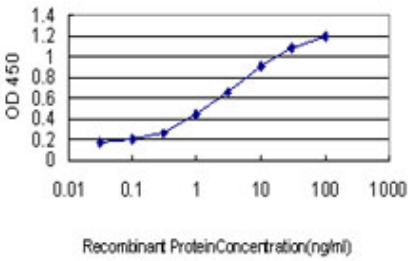
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.86 KDa) .



Immunofluorescence of monoclonal antibody to DLL1 on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged DLL1 is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.