

# DLL1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DLL1.

Catalog # AT1772a

## Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">O00548</a>
<b>Other Accession</b>	<a href="#">NM_005618</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	4F8
<b>Calculated MW</b>	78056

## Additional Information

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

## Background

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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.

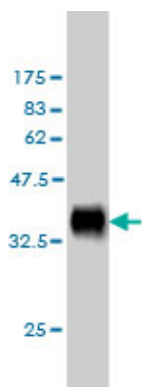
## References

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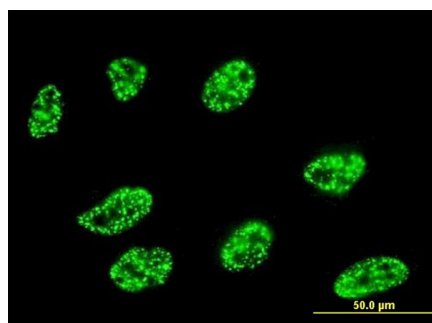
Squamous odontogenic tumor of the mandible: a case report demonstrating immunoexpression of Notch1, 3, 4, Jagged1 and Delta1. Siar CH, et al. Eur J Med Res, 2010 Apr 8. PMID 20554499. Cis-interactions between Notch and Delta generate mutually exclusive signalling states. Sprinzak D, et al. Nature, 2010 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.

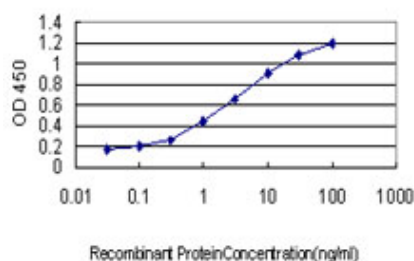
## Images



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'.