10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DLL1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant DLL1.
Catalog # AT1773a

Specification

DLL1 Antibody (monoclonal) (M02) - Product Information

Application	**WB, E**
Primary Accession	O00548
Other Accession	NM_005618
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**78056**

DLL1 Antibody (monoclonal) (M02) - 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

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) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

DLL1 Antibody (monoclonal) (M02) - Protocols

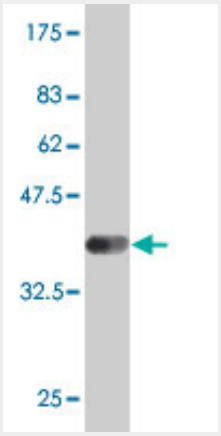
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

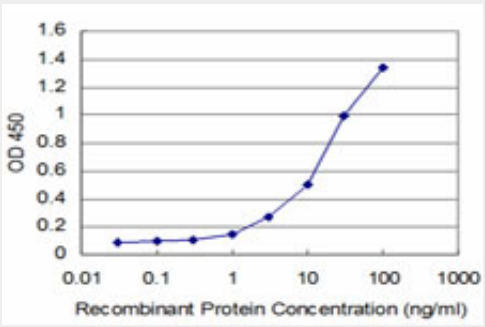
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DLL1 Antibody (monoclonal) (M02) - Images



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



Detection limit for recombinant GST tagged DLL1 is approximately 0.3ng/ml as a capture antibody.

DLL1 Antibody (monoclonal) (M02) - 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.

DLL1 Antibody (monoclonal) (M02) - 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.