**Product Name: DLL3 Mouse Monoclonal Antibody**
**Catalog #: AMM82852**

## Summary

| | |
|---|---|
| **Production Name** | DLL3 Mouse Monoclonal Antibody |
| **Description** | Mouse Monoclonal Antibody |
| **Host** | Mouse |
| **Application** | WB,IHC,ICC,FC,ELISA |
| **Reactivity** | Human, Rat |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | Mouse IgG2a |
| **Clonality** | Monoclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Purified antibody in PBS with 0.05% sodium azide |
| **Purification** | Affinity Purification |

## Immunogen

| | |
|---|---|
| **Gene Name** | DLL3 |
| **Alternative Names** | SCDO1 |
| **Gene ID** | 10683.0 |
| **SwissProt ID** | Q9NYJ7.Purified recombinant fragment of human DLL3 (AA: EXTRA(27-226)) expressed in E. Coli. |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000 |
| **Molecular Weight** | 65KDa |

## Background

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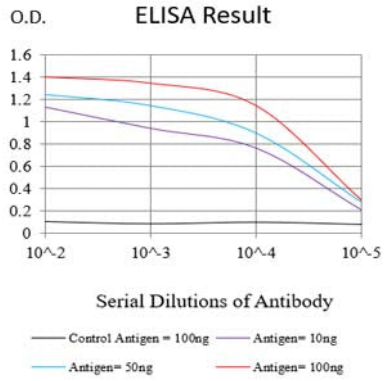
This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene.

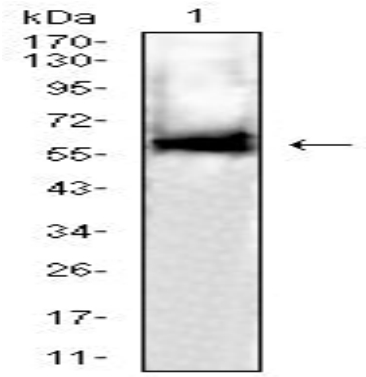
## Research Area

Notch signaling pathway

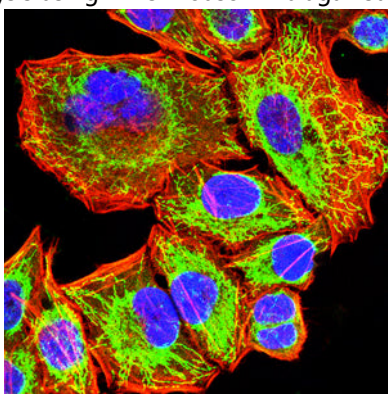
## Image Data




Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

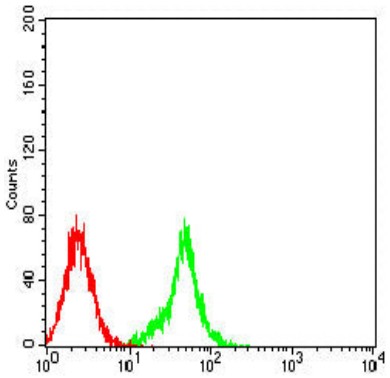



Western blot analysis using DLL3 mouse mAb against Hela (1)cell lysate.

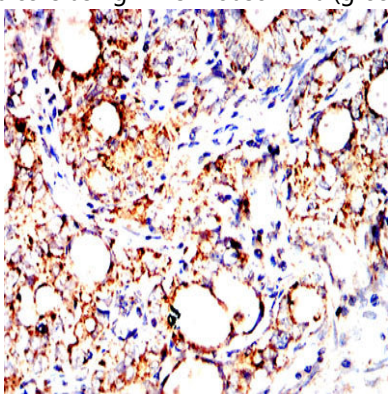


Immunofluorescence analysis of Hela cells using DLL3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

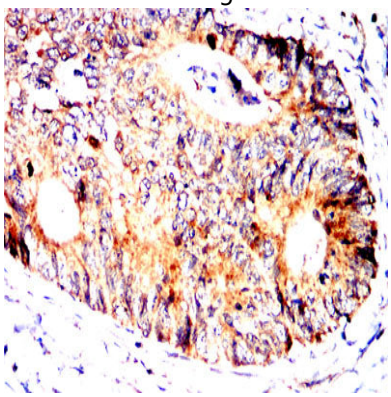
filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)




Flow cytometric analysis of C6 cells using DLL3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissues using DLL3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using DLL3 mouse mAb with DAB staining.

## Note

For research use only.