

DLL3 Rabbit mAb

Catalog NO.: A28544 **Recombinant**

Basic Information

Observed MW

65 kDa

Calculated MW

61 kDa/65 kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC80461

Recommended Dilutions

WB 1:2000 - 1:10000

IP

0.15 µg - 0.3 µg antibody for 200 µg - 400 µg
extracts of whole cells

IF/ICC 1:100 - 1:400

IHC-P 1:200 - 1:800

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your
specific assay requirements. For high-ratio
antibody dilutions (≥ 1:10000)

Contact

Background

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.

Immunogen Information

Gene ID	Swiss Prot
10683	Q9NYJ7

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

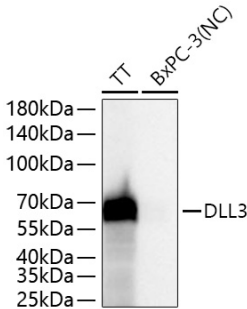
SCD01

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3		

Validation Data



Western blot analysis of various lysates using DLL3 Rabbit mAb (A28544) at 1:5000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

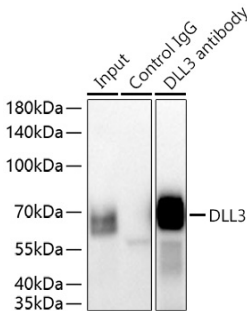
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

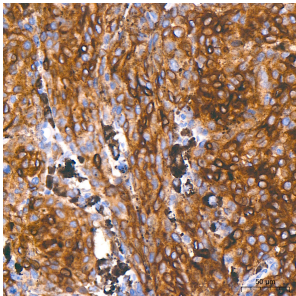
Detection: ECL Basic Kit (RM00020).

Negative control (NC): BxPC-3.

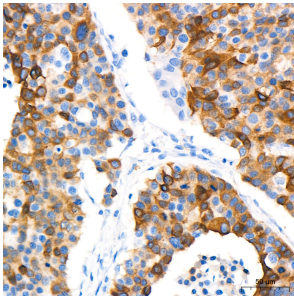
Exposure time: 10 s.



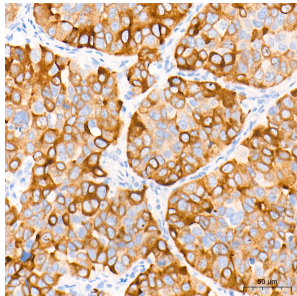
Immunoprecipitation of DLL3 from 300 µg extracts of TT cells was performed using 0.15 µg of DLL3 Rabbit mAb (A28544). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using DLL3 Rabbit mAb (A28544) at a dilution of 1:5000.



Immunohistochemistry analysis of paraffin-embedded Human malignant melanoma tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x)



Immunohistochemistry analysis of paraffin-embedded Human pancreatic cancer tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x)



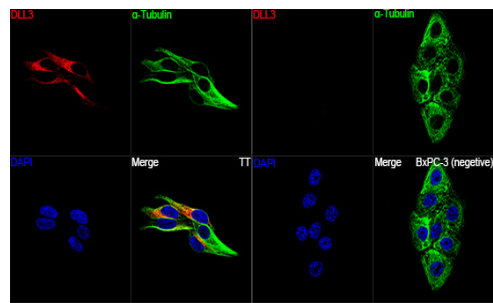
Immunohistochemistry analysis of paraffin-embedded Human small cell lung cancer tissue using DLL3 Rabbit mAb (A28544) at a dilution of 1:500 (40x)

lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Confocal imaging of TT cells and BxPC-3 (negative) cells using DLL3 Rabbit mAb (A28544, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

