



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-DLL3 [SC16.25] Ab03575-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** SC16.25

**Alternative Name(s) of Target:** Delta-like protein 3; Drosophila Delta homolog 3 (Delta3)

**UniProt Accession Number of Target Protein:** Q9NYJ7

**Published Application(s):** functional assay, ELISA, FC

**Published Species Reactivity:** Human, Cynomolgus Monkey

**Immunogen:** The original antibody was generated by immunizing three strains of mice (Balb/c, CD-1 and FVB) with recombinant human DLL3-Fc or with human DLL3-His fusion constructs.

**Specificity:** This antibody binds human DLL3 in the N-terminal domain. Cross-reacts with cynomolgus monkey DLL3 with no binding to mouse/rat DLL3. Delta-like protein 3 (DLL3) is a transmembrane protein that belongs to the Delta/Serrate/Lag-2 (DSL) family of Notch ligands. Mature human DLL3 consists of a 466 amino acid (aa) extracellular domain (ECD) with one DSL domain and six EGF-like repeats, a 21 aa transmembrane segment, and a 105 aa cytoplasmic domain. It is an inhibitory Notch ligand that is highly expressed in small cell lung cancer (SCLC) and other neuroendocrine tumors but minimally expressed in normal tissues. It is therefore being explored as a potential therapeutic target in SCLC.

**Application Notes:** The binding characterization of this antibody to human DLL3 was done using ELISA. Binding affinity of mouse IgG antibody for human DLL3 is  $K_d =$  less than 0.2 nM. This antibody can bind human and cynomolgus monkey DLL3 expressed on surface of 293 cells via flow cytometry. This antibody can mediate killing of tumor cells expressing DLL3. Humanized version of this antibody is also available on request (US9089615).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:**

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.