

Anti-DLL3 [HP-92] Bulk Size Ab03572-10.159-BT

Isotype and Format: Human IgG1-Fc fusion

Clone Number: HP-92

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

UniProt Accession Number of Target Protein: Q9NYJ7

Published Application(s): ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing two alpacas with human DLL3.

Specificity: This antibody binds human Delta-like protein 3 (DLL3), which 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 affinity to human DLL3 that is comparable with Rovalpituzumab. The binding characterization of this antibody for human DLL3 was done using ELISA. This antibody was capable of binding DLL3 expressed on the surface of H446 and H524 small cell lung cancer cell lines using flow cytometry (CN114057880).

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

Note on publication:

Product Form

Size: 500 µg 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.