

## Anti-DLL3 Antibody (anti-DLL3 arm derived from AMG-757)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature  
Store at -20°C

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Anti-DLL3 Antibody (anti-DLL3 arm derived from AMG-757) is a humanized antibody arm derived from the half-life extended bispecific T-cell engager (BiTE) AMG-757. This product specifically targets Delta-like ligand 3 (DLL3), a Notch pathway ligand highly expressed in small-cell lung cancer (SCLC) and other neuroendocrine tumors but minimally expressed in normal tissues. It binds to the extracellular domain of DLL3 with picomolar (pM) affinity. In a bispecific format, it facilitates the redirection of T cells to DLL3-positive tumor cells, inducing T-cell activation and the release of cytotoxic granules to exert potent anti-tumor effects.
In vitro	The anti-DLL3 arm binds human DLL3 with high affinity (KD ≈ 0.64 nM). In T-cell and SCLC co-culture assays, the antibody redirects T cells, leading to robust activation (CD25/CD69 upregulation) and secretion of IFN-γ and TNF-α, which results in potent, dose-dependent lysis of DLL3-expressing tumor cells [1].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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