



Armenian Hamster Anti-Mouse Delta-like protein 1 (DLL1) Monoclonal antibody, clone HMD1-5 (CABT-L4437)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The HMD1-5 monoclonal antibody reacts with mouse Delta-like protein 1 (DLL1) one of many Notch ligands. DLL1 is expressed by thymic and splenic stromal cells, macrophages, and dendritic cells. The Notch pathway is an important intercellular signaling pathway that plays a major role in controlling cell fate. The HMD1-5 antibody has been shown to neutralize DLL1 in vivo.
Target	Mouse Delta-like protein 1 (DLL1)
Immunogen	Mouse DLL1
Isotype	IgG, κ
Source/Host	Armenian Hamster
Species Reactivity	Mouse
Clone	HMD1-5
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo DLL1 neutralization, FC
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility

Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cell-to-cell communication. [provided by RefSeq, Jul 2008]
Keywords	DLL1;delta-like 1 (Drosophila);DL1;Delta;DELTA1;delta-like protein 1;H-Delta-1;drosophila Delta homolog 1;

GENE INFORMATION

Official Symbol	delta-like 1 (Drosophila)
Synonyms	DLL1; delta-like 1 (Drosophila); DL1; Delta; DELTA1; delta-like protein 1; H-Delta-1; drosophila Delta homolog 1;
References	Riella, L. V., et al. (2011). "Blockade of Notch ligand delta1 promotes allograft survival by inhibiting alloreactive Th1 cells and cytotoxic T cell generation." J Immunol 187(9): 4629-4638. PubMed;