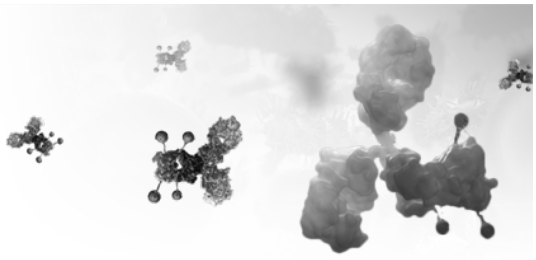

Armenian Hamster Anti-Mouse Delta-like protein 4 (DLL4) Monoclonal antibody, clone HMD4-2 (CABT-L4422)

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

PRODUCT INFORMATION

Product Overview	The HMD4-2 monoclonal antibody reacts with mouse Delta-like protein 4 (DLL4) one of many Notch ligands. DLL4 is expressed by vascular endothelium, and plays a vital role in embryonic vascular development. The Notch pathway is an important intercellular signaling pathway that plays a major role in controlling cell fate. The HMD4-2 antibody has been shown to neutralize DLL4 in vivo.
Target	Mouse Delta-like protein 4 (DLL4)
Immunogen	Recombinant mouse DLL4
Isotype	IgG, κ
Source/Host	Armenian Hamster
Species Reactivity	Mouse
Clone	HMD4-2
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo DLL4 neutralization
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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	This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. [provided by RefSeq, Jul 2008]
Keywords	DLL4;delta-like 4 (Drosophila);hdelta2;delta-like protein 4;delta4;delta 4;delta ligand 4;notch ligand DLL4;delta-like 4 homolog;delta-like 4 protein;notch ligand delta-2;drosophila Delta homolog 4;

GENE INFORMATION

Official Symbol	delta-like 4 (Drosophila)
Synonyms	DLL4; delta-like 4 (Drosophila); hdelta2; delta-like protein 4; delta4; delta 4; delta ligand 4; notch ligand DLL4; delta-like 4 homolog; delta-like 4 protein; notch ligand delta-2; drosophila Delta homolog 4;
References	Fukuda, D., et al. (2012). "Notch ligand delta-like 4 blockade attenuates atherosclerosis and metabolic disorders." Proc Natl Acad Sci U S A 109(27): E1868-1877. PubMed;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221