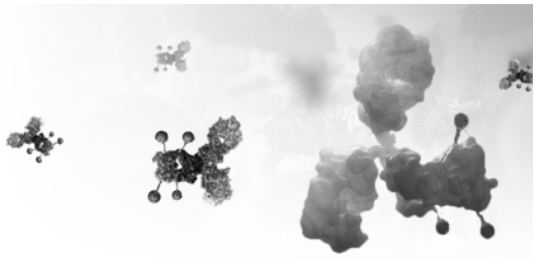

Anti-DLL4 monoclonal antibody, clone 308922 (DCABY-4052)

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

PRODUCT INFORMATION

Antigen Description	Delta-like proteins are mammalian homologs of the Drosophila protein Delta, and like Delta they serve as ligands for Notch receptors. They are type I transmembrane proteins with a common structure that includes one DSL domain and six or eight EGF-like repeats. The DSL domain mediates delta-like protein binding to Notch receptors. DLL-Notch signaling is important for tissue development and morphogenesis. A Delta-like 2 protein has been identified in Xenopus but not in mammals.
Specificity	Detects mouse DLL4 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human DLL4, recombinant mouse (rm)DLL1, rmNotch-1, rmNotch-2, or rmNotch-3 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse DLL4. Ser28-Pro525 Accession Number NP_062327
Isotype	IgG2A
Source/Host	Rat
Species Reactivity	Mouse
Clone	308922
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

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

Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Dll4 delta-like 4 (Drosophila) [Mus musculus (house mouse)]
Official Symbol	DLL4
Synonyms	DLL4; delta-like 4 (Drosophila); Delta4; delta-like protein 4; drosophila Delta homolog 4;
Entrez Gene ID	54485
Protein Refseq	NP_062327
UniProt ID	Q9JI71
Chromosome Location	2; 2 E3
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Constitutive Signaling by NOTCH1 HD Domain Mutants; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants; Constitutive Signaling by NOTCH1 PEST Domain Mutants; Constitutive Signaling by NOTCH1 t(7;9)(NO
Function	Notch binding; calcium ion binding; protein binding;

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