

Product datasheet for **AM26790LE-N**

DLL4 Mouse Monoclonal Antibody [Clone ID: MHD4-46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MHD4-46
Applications:	FC, FN
Recommended Dilution:	Flow cytometry. Functional application: blocking.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant soluble human DLL4
Specificity:	This antibody recognizes the extracellular domain of DLL4 (Delta-like ligand 4), a type I transmembrane protein which plays an important role in vascular development.
Formulation:	Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized. State: Low Endotoxin State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	delta like canonical Notch ligand 4
Database Link:	Entrez Gene 54567 Human Q9NR61



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Background:

DLL4 (Delta-like 4) is one of five ligands of Notch receptors. It interacts with Notch1 and Notch4. DLL4 is up-regulated at sites of physiologic and pathologic angiogenesis, whereas its expression is low in most adult normal tissues. It is also highly expressed in human clear-cell renal carcinomas, bladder cancers, and breast cancers. Blocking the DLL4-Notch interaction seems to be a promising therapeutic approach.

Synonyms:

Delta 4, Drosophila Delta homolog 4