

Product datasheet for **TA420161**

DLL4 Hamster Monoclonal Antibody [Clone ID: HMD4-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HMD4-2
Applications:	FC, FN, IHC
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant mouse DLL4.
Specificity:	DELTA-LIKE PROTEIN 4
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: Preservative Free,Purified,RPE State: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	delta-like 4 (Drosophila)
Database Link:	Q9J171
Background:	Hamster anti Mouse Delta-Like Protein 4 antibody, clone HMD4-2 recognizes mouse Delta-like protein 4 (DLL4), one of the five major ligands of the Notch signaling pathway, activated through the binding of specific ligands to the Notch receptors Notch 1-4.DLL4 is expressed by vascular endothelium, and plays a vital role in embryonic vascular development. DLL4 signaling has been shown to play a role in the angiogenesis of clear-cell renal tumors, and pancreatic, bladder and colonic cancer. DLL4 expression in endothelium cells, can be up-regulated by vascular endothelial growth factor (VEGF) and basic-FGF, and by HIF1 alpha, and that blockade of DLL4 inhibits tumor growth by promoting non-productive angiogenesis.
Synonyms:	DLL4

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