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30-2532PE: PE Conjugated Anti-DLL4 (Clone: MHD4-46)

Clonality: Monoclonal
Clone Name: MHD4-46
Application: FACS
Reactivity: Human
Conjugate: PE
Gene: DLL4
Gene ID: 54567

Alternative Name: Delta like ligand 4, AOS6, canonical Notch ligand 4, delta like canonical Notch ligand 4

Isotype: Mouse IgG1 kappa

Immunogen Information: recombinant soluble human DLL4

Description

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 promissing therapeutic approach.

Specificity: The mouse monoclonal antibody MHD4-46 recognizes the extracellular domain of DLL4 (Delta-like ligand 4), a type I transmembrane protein which plays an important role in vascular development.

Product Info

Amount: 0.1 mg

Purification: The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The

conjugate is purified by size-exclusion chromatography.

0.1 mg/ml

Content: Formulation: Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

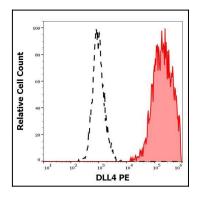


Figure 1 : Separation of CHO/DLL4 cells stained using anti-human DLL4 (MHD4-46) PE antibody (10 μ l reagent per million cells in 100 μ l of cell suspension, red-filled) from CHO/DLL4 cells stained using mouse IgG1 isotype control (MOPC-21) PE antibody (concentration in sample 1 μ g/ml, same as CD135 APC concentration, black-dashed) in flow cytometry analysis (surface staining) of CHO/DLL4 cell suspension.