

PE anti-human Delta-like protein 1 (DLL1)

Catalog # / Size: 2332020 / 100 tests
2332015 / 25 tests

Clone: MHD1-314

Isotype: Mouse IgG1, κ

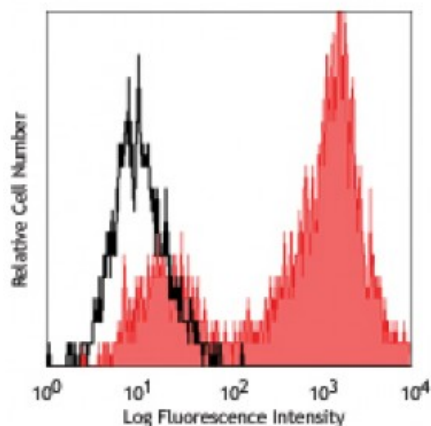
Immunogen: hu DLL1-hu IgG Fc fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Human DLL1 transfected CHO cells stained with MHD1-314 PE

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Kim H, *et al.* 2015. *Cytotherapy*. 17:579. [PubMed](#)

Description: Delta-like protein 1 is a type I transmembrane protein. The mature form consist of an extracellular domain of 528 amino acids (aa) that contain a DSL domain and eight tandem EGF repeats; the transmembrane region is 23 aa long and has a 155 aa cytoplasmic domain. After the binding of Notch receptors, the extracellular and cytoplasmic domains are cleaved, and the later is translocated into the cell nucleus to regulate gene expression. Delta-like protein 1 is expressed in heart and pancreas and in a lower amount in brain and muscle. During fetal life, it is transiently expressed during gastrulation and early organogenesis and its expression remains through adult life in hematopoietic tissues and the cortico-medullary region of the thymus.

Antigen References:

1. Fu L, *et al.* 2009. *Anticancer Res.* 29:3967
2. Zhou J, *et al.* 2009. *Immunity* 30:845
3. Radke AL, *et al.* 2009. *Blood* 113:3092
4. Six EM, *et al.* 2004. *J. Biol. Chem.*