

12-90500: Anti-DLK1 antibody(2C5), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	2C5
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	DLK1
Uniprot ID :	P80370
Alternative Name :	Delta1;DLK;DLK-1;FA1;pG2;Pref-1;PREF1;ZOG
Isotype :	Rabbit IgG

Description

This gene encodes a transmembrane protein that contains multiple epidermal growth factor repeats that functions as a regulator of cell growth. The encoded protein is involved in the differentiation of several cell types including adipocytes. This gene is located in a region of chromosome 14 frequently showing uniparental disomy, and is imprinted and expressed from the paternal allele. A single nucleotide variant in this gene is associated with child and adolescent obesity and shows polar overdominance, where heterozygotes carrying an active paternal allele express the phenotype, while mutant homozygotes are normal. [provided by RefSeq, Nov 2015]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Application Note

Flow Cyt 1/100

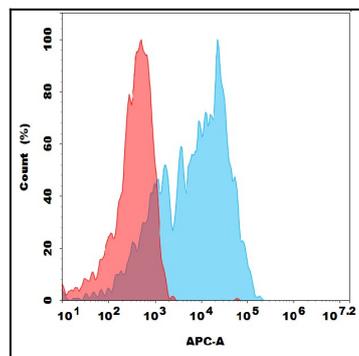


Figure 1. Flow cytometry analysis with 1µg/mL Anti-DLK1 (2C5) mAb on HEK293 cells transfected with human DLK1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).