PRODUCT INFORMATION

Clone ID	2C5
Target	DLK1
Synonyms	Delta1;DLK;DLK-1;FA1;pG2;Pref-1;PREF1;ZOG
Host Species	Rabbit
Description	Anti-DLK1 antibody(2C5), Rabbit mAb
Delivery	In Stock
Uniprot ID	P80370
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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).
Background	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 unparental 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]
Usage	Research use only
Conjugate	Unconjugated

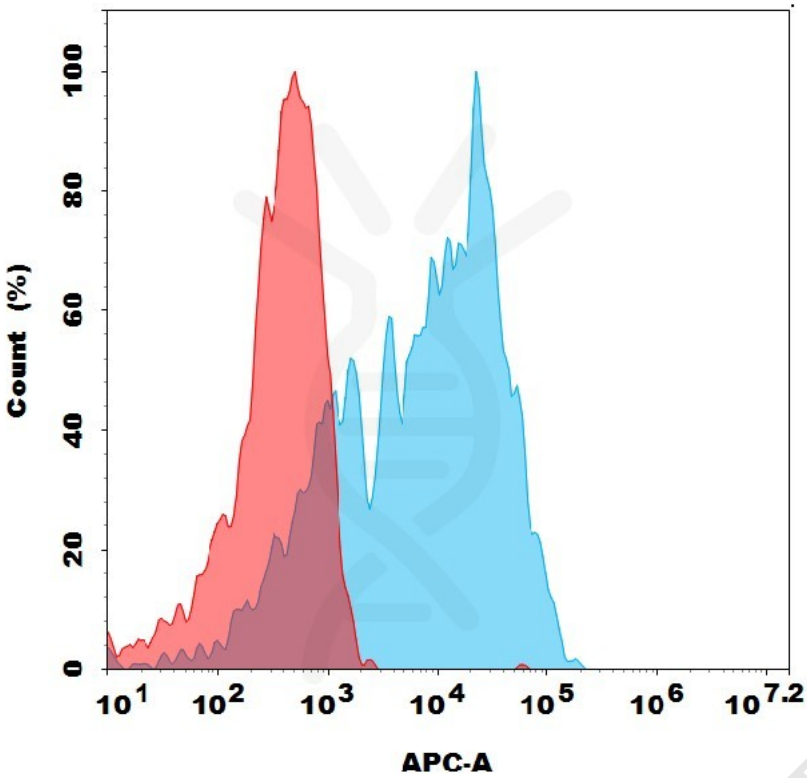

Figure 1. Flow cytometry analysis with 1μg/mL Anti-DLK1 (2C5) mAb on HEK293 cells transfected with human DLK1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).