PRODUCT INFORMATION

Clone ID	1F12
Target	APLP2
Synonyms	APLP-2;APPH;APPL2;CDEBP
Host Species	Rabbit
Description	Anti-APLP2 antibody(1F12), Rabbit mAb
Delivery	In Stock
Uniprot ID	Q06481
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
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 amyloid precursor- like protein 2 (APLP2), which is a member of the APP (amyloid precursor protein) family including APP, APLP1 and APLP2. This protein is ubiquitously expressed. It contains heparin-, copper- and zinc- binding domains at the N-terminus, BPTI/Kunitz inhibitor and E2 domains in the middle region, and transmembrane and intracellular domains at the C-terminus. This protein interacts with major histocompatibility complex (MHC) class I molecules. The synergy of this protein and the APP is required to mediate neuromuscular transmission, spatial learning and synaptic plasticity. This protein has been implicated in the pathogenesis of Alzheimer's disease. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
Usage	Research use only
Conjugate	Unconjugated

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Anti-APLP2 antibody(1F12), Rabbit mAb

Cat. No. DME101288

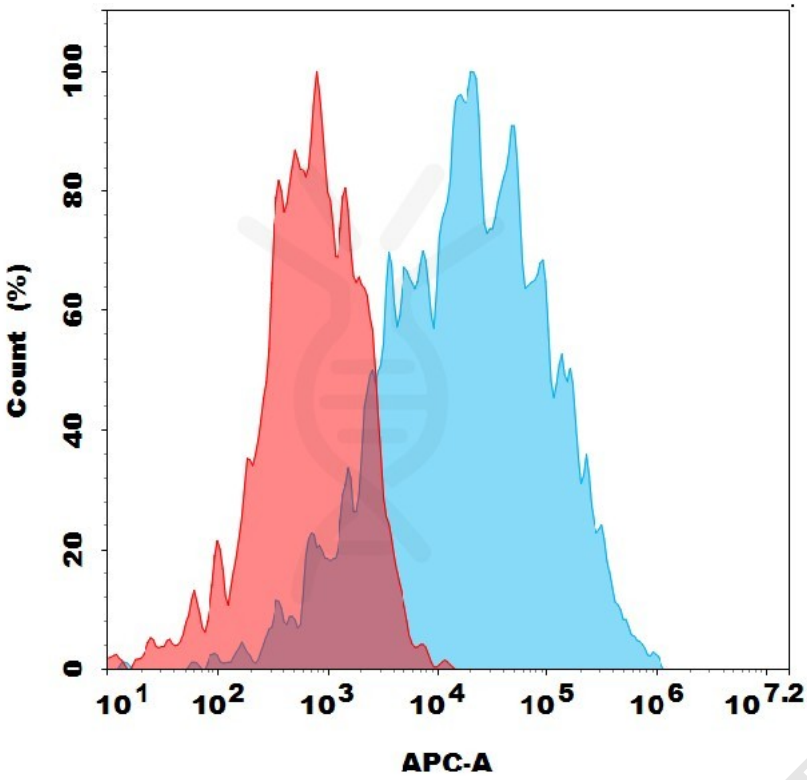

Figure 1. Flow cytometry analysis with 2μg/mL Anti-APLP2 (1F12) mAb on HEK293 cells transfected with human APLP2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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