

12-90490: Anti-APLP2 antibody(1F12), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1F12
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	APLP2
Uniprot ID :	Q06481
Alternative Name :	APLP-2;APPH;APPL2;CDEBP
Isotype :	Rabbit IgG

Description

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]

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

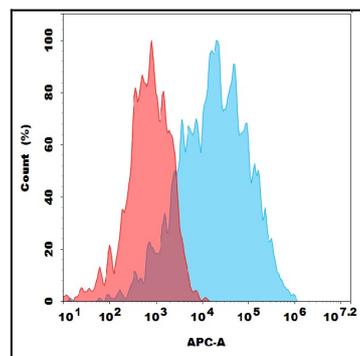


Figure 1. Flow cytometry analysis with 2µg/mL Anti-APLP2 (1F12) mAb on HEK293 cells transfected with human APLP2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).