

À des fins de recherche uniquement

Anticorps Monoclonal anti-APOE

Numéro de catalogue: 66830-1-Ig **5 Publications**



Informations de base

Numéro de catalogue: 66830-1-Ig	Numéro d'acquisition GenBank: BC003557	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop and 680 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 348	CloneNo.: 1B2C9
Hôte: Mouse	Nom complet: apolipoprotein E	Dilutions recommandées: WB 1:3000-1:20000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	MW calculé: 36 kDa	
Immunogen Catalog Number: AG28186	MW observés: 34-36 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu plasmatique humain, cellules Caco-2, cellules T-47D, plasma humain, sang humain, Sanguin humain

IHC : tissu cérébral de souris,

IF : cellules HepG2,

Informations générales

The apolipoprotein E (APOE) is a 299-amino acid polypeptide that mediates the binding, internalization, and catabolism of lipoprotein particles, and also serve as a ligand for the LDL (APO B/E) receptor and for the specific APOE receptor (chylomicron remnant) of hepatic tissues. The very strong association of the APOE ε4 allele with AD risk and its role in the accumulation of amyloid β in brains of people and animal models solidify the biological relevance of APOE isoforms but do not provide mechanistic insight.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hideaki Morishita	31526472	Elife	WB,IF
Anlley Fernandez	36436561	J Biol Chem	IF
Anika Alberts	33363539	Front Immunol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

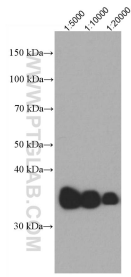
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

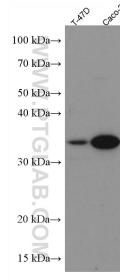
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

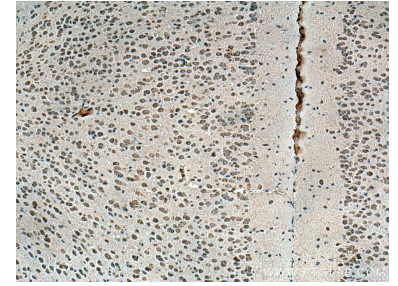
Données de validation sélectionnées



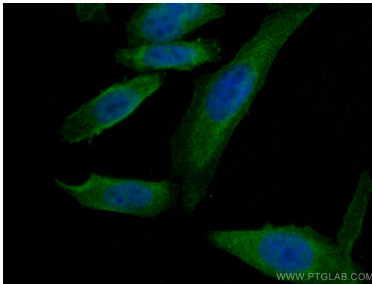
human plasma was subjected to SDS PAGE followed by western blot with 66830-1-Ig (APOE antibody) at a range of dilutions from 1:5000 to 1:20000 incubated at room temperature for 1.5 hours.



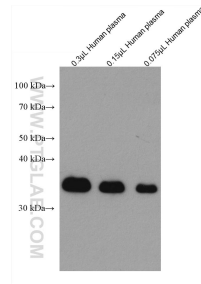
Various lysates were subjected to SDS PAGE followed by western blot with 66830-1-Ig (APOE antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



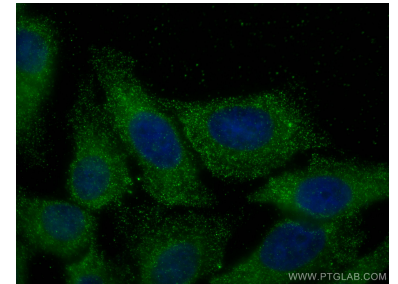
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66830-1-Ig (APOE antibody) at dilution of 1:0 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



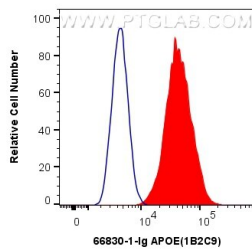
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using APOE antibody (66830-1-Ig, Clone: 1B2C9) at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



human plasma were subjected to SDS PAGE followed by western blot with 66830-1-Ig (APOE antibody) at dilution of 1:3400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using APOE antibody (66830-1-Ig, Clone: 1B2C9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human APOE (66830-1-Ig, Clone:1B2C9) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).