

À des fins de recherche uniquement

Anticorps Monoclonal anti-ARF4

Numéro de catalogue: 68204-1-Ig **Phare**



Informations de base

Numéro de catalogue: 68204-1-Ig	Numéro d'acquisition GenBank: BC003364	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 640 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 378	CloneNo.: 2A4B8
Hôte: Mouse	Nom complet: ADP-ribosylation factor 4	Dilutions recommandées: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG2b	MW calculé: 180 aa, 21 kDa	
Immunogen Catalog Number: AG25522	MW observés: 18 kDa	

Applications

Applications testées:

FC, IF, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Contrôles positifs:

WB : cellules LNCaP, cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules Jurkat, tissu cérébral de rat, tissu cérébral de souris

IF : cellules HepG2,

Informations générales

ARF4, also named as ARF2, belongs to the small GTPase superfamily and Arf family. ADP-ribosylation factors (ARFs) are members of the ARF family of GTP-binding proteins of the Ras superfamily, with 20 kDa protein size. ARFs bind and regulate GTP/GDP cycle by alternating between the active GTP-bound and inactive GDP-bound conformations. ARF family proteins are essential and ubiquitous in eukaryotes. Six highly conserved members of the family have been identified in mammalian cells. They function in vesicular traffic and actin remodelling and other bioprocesses in cells. ARF4 and ARF5 are class II ARFs. Their function are not fully described. (PMID: 7759471, PMID: 16042562). This antibody can bind ARFs for the close sequences.

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.

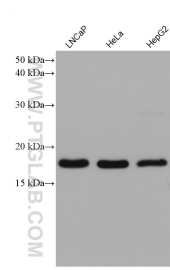
For technical support and original validation data for this product please contact:

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

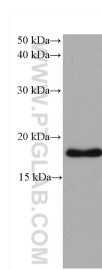
E: proteintech@ptglab.com
W: ptglab.com

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

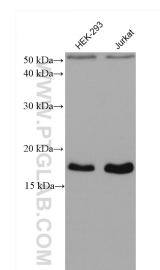
Données de validation sélectionnées



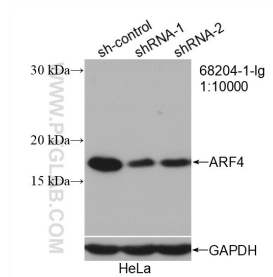
Various lysates were subjected to SDS PAGE followed by western blot with 68204-1-Ig (ARF4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



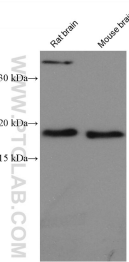
A549 cells were subjected to SDS PAGE followed by western blot with 68204-1-Ig (ARF4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



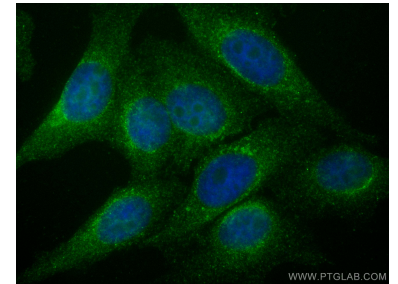
Various lysates were subjected to SDS PAGE followed by western blot with 68204-1-Ig (ARF4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



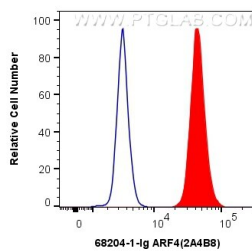
WB result of ARF4 antibody (68204-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ARF4 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 68204-1-Ig (ARF4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ARF4 antibody (68204-1-Ig, Clone: 2A4B8) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human ARF4 (68204-1-Ig, Clone:2A4B8) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).