

À des fins de recherche uniquement

Anticorps Monoclonal anti-IBA1

Numéro de catalogue: **CL647-66827**



Informations de base

Numéro de catalogue: CL647-66827	Numéro d'acquisition GenBank: BC009474	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 199	CloneNo.: 1C6A10
Hôte: Mouse	Nom complet: allograft inflammatory factor 1	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2a	MW calculé 17 kDa	
Immunogen Catalog Number: AG28236		

Applications

Applications testées:
FC (Intra)
Spécificité de l'espèce:
Humain

Informations générales

AIF1, also named as G1, IBA1 or daintain/AIF-1, is a 143 amino acid cytoplasmic, inflammation response scaffold protein. It is constitutively expressed in monocytes and macrophages and is known to be involved in macrophage activation. It is a marker of activated macrophage. Despite a lack of detailed knowledge on the in vivo physiological functions of AIF-1, there is growing evidence that shows its aberrant expression contributes to the pathogenesis of many autoimmune diseases, including rheumatoid arthritis. (20944424). AIF1 is an actin-binding protein that enhances membrane ruffling and RAC activation. It enhances lymphocyte migration and the actin-bundling activity of LCP1. AIF1 plays a role in RAC signaling and in phagocytosis and a role in vascular inflammation. AIF1 promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. It is also as a microglial cell marker.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

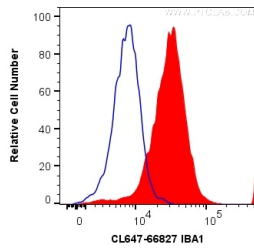
For technical support and original validation data for this product please contact:

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

Données de validation sélectionnées



1X10⁶ THP-1 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human IBA1 (CL647-66827, Clone:1C6A10) (red), or 0.2 ug Control Antibody. (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).