

Nur für Forschungszwecke

# IBA1 Monoklonaler Antikörper

Katalog-Nr.:CL647-66827



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-66827	<b>GenBank-Zugangsnummer:</b> BC009474	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von199 Nanodrop;	<b>GeneID (NCBI):</b> allograft inflammatory factor 1	<b>CloneNo.:</b> 1C6A10
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> allograft inflammatory factor 1	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 17 kDa	
<b>Immunogen Katalognummer:</b> AG28236		

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

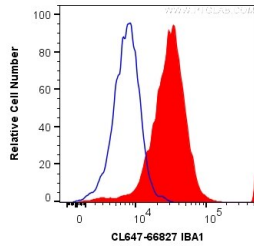
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% 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.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> 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).