

bs-1363R-Cy5

[Primary Antibody]

AIF1 / Iba1 Rabbit pAb, Cy5 conjugated

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— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: AIF1 / Iba1 Immunogen: KLH conjugated synthetic peptide derived from human Iba1: 51-147/147. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Allograft Inflammatory Factor-1 (AIF1) or ionized calcium-binding adaptor molecule 1 (Iba1) is expressed selectively in microglia/macrophages and is a Ca²⁺-binding peptide produced by activated monocytes and microglial cells. It has been suggested that AIF1 expression is associated with chronic inflammatory processes. AIF1 is expressed by activated monocytes and might participate in a variety of pathogenic processes in the mammalian brain and in chronic transplant rejection. It has been shown to be expressed early and persistently in chronically rejecting cardiac allografts but not in cardiac syngrafts and host hearts.	Isotype: IgG Applications: IF (1:100-500) Excitation Spectrum: 649nm Emission spectrum: 670nm Reactivity: Human, Mouse, Rat Predicted MW.: 16 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— SELECTED CITATIONS —

- **[IF=12.12]** Song, Eric, et al. "Surface chemistry governs cellular tropism of nanoparticles in the brain." Nature Communications (2017). FCM ;="Rat". 28524852