

AIF1 recombinant antibody

Anti-AIF1 [GT1-mAb2], Rabbit IgG, lambda

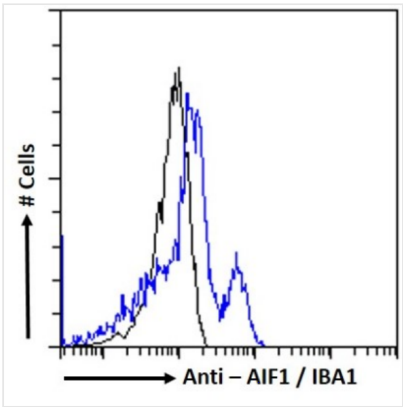
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72567	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

PRODUCT SYNONYMS

AIF1; Monoclonal Recombinant Antibody; Anti-AIF1 [GT1-mAb2]; Rabbit IgG; lambda; IBA1; allograft inflammatory factor 1; AIF-1; IRT-1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1; Daintain; DADB-70P7.8; allograft inflammatory factor-1 splice variant Hara-1; IRT1; protein G1; AIF1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG lambda
Clone Number	GT1-mAb2
Specificity	This antibody is specific to , an immunizing peptide with the sequence C-TGPPAKKAISELP. This peptide was used in the production of the from which this antibody is derived.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for AIF1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry)

Flow cytometry using anti-AIF1 antibody GT1-mAb2 (AAA72567). Paraformaldehyde fixed human peripheral blood monocytes permeabilized with 0.5% Triton were restained with the isotype control antibody or the rabbit IgG version of GT1-mAb2 (AAA72567-24.1, blue line) at a dilution of 1:100 for 1 h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG Alexa Fluor 488 antibody at a dilution of 1:1000, and the cells were analyzed using a FACSCanto flow cytometer.

IF (Immunofluorescence)

Immunofluorescence staining of human peripheral blood monocytes. Cells were fixed with 4% paraformaldehyde, permeabilized with 0.5% Triton, and stained with the isotype control antibody or the rabbit IgG version of GT1-mAb2 (AAA72567) (previous panel) at a dilution of 1:100 for 1 h at RT. After washing, the cells were stained with the fluorescein antibody followed by the goat anti-rabbit IgG Alexa Fluor 488 antibody at a dilution of 1:1000 for 1 h at RT. The cells were analyzed using a FACSCanto flow cytometer.

ADDITIONAL INFORMATION

Related Product Information for AIF1 recombinant antibody	This antibody was obtained by sequencing a polyclonal goat IgG raised against a peptide with the sequence C-TGPPAKKAISELP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1703217
NCBI GeneID	199
UniProt Accession #	P55008; O43904; Q9UIV4; Q9UKS9; A8K406
Molecular Weight	147
NCBI Official Full Name	Allograft inflammatory factor 1
NCBI Official Synonym Full Names	allograft inflammatory factor 1
NCBI Official Symbol	AIF1
NCBI Official Synonym Symbols	IBA1; IRT1; AIF-1; IRT-1
NCBI Protein Information	allograft inflammatory factor 1; protein G1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1; allograft inflammatory factor-1 splice variant Hara-1
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	AIF1
UniProt Synonym Gene Names	G1; IBA1; AIF-1
UniProt Entry Name	AIF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.