

Anti-AIF1 [GT1-mAb1] Bulk Size Ab03986-24.1-BT

Isotype and Format: Goat IgG, Lambda

Clone Number: GT1-mAb1

Alternative Name(s) of Target: AIF1; 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

UniProt Accession Number of Target Protein: P55008

Published Application(s): WB, ELISA, FC, IF

Published Species Reactivity: Human

Immunogen: This antibody was obtained by sequencing a polyclonal goat IgG raised against a peptide with the sequence C-TGPPAKKAISELP.

Specificity: This antibody is specific to [EBP05419](#), an immunizing peptide with the sequence C-TGPPAKKAISELP. This peptide was used in the production of the [polyclonal Goat Anti-AIF1 antibody](#) from which this antibody is derived.

Application Notes: This antibody (GT1-mAb1) was one of two monoclonal antibodies discovered by analyzing a polyclonal antibody (GT-1) sample. Briefly, de novo sequencing of GT-1 resulted in the full-length sequences of two distinct monoclonal antibodies (GT1-mAb1 and GT1-mAb2) in both framework and CDR regions. Both antibodies were recombinantly expressed by Absolute Antibody in HEK293 cells and tested in various assays. GT1-mAb1 was tested against the peptide antigen in an ELISA, and it showed activity comparable to that of the original polyclonal antibody. GT1-mAb1 was found to bind the target peptide in a non-competitive manner with GT1-mAb2 while being efficiently blocked by the original polyclonal antibody, proving that both monoclonal antibodies bind distinct epitopes and that GT1-mAb1 possess binding characteristics of the input polyclonal antibody. Furthermore, GT1-mAb1 was compatible with immunofluorescence (IF), flow cytometry (FC), and Western blot (WB), with an FC signal observedly more distinct than that of GT1-mAb2.

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.