

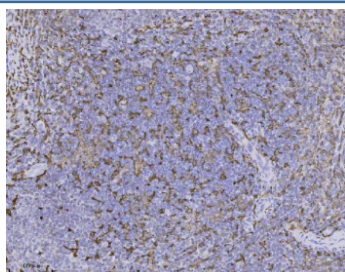
## AIF-1 Antibody / Allograft inflammatory factor 1 / IBA1 [clone AFGH-1] (RQ8894)

Catalog No.	Formulation	Size
RQ8894	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

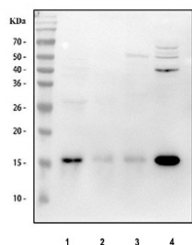
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AFGH-1
Purity	Affinity chromatography
UniProt	P55008
Localization	Cytoplasm
Applications	Western Blot : 1:500 Immunohistochemistry (FFPE) : 1:50
Limitations	This AIF-1 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with AIF-1 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) ThP-1, 2) U937, 3) HL60 and 4) HEL cell lysate with AIF-1 antibody. Predicted molecular weight ~17 kDa.

## Description

Allograft inflammatory factor 1 (AIF-1) is a cytoplasmic, calcium-binding protein predominantly expressed in activated macrophages and microglia. It is involved in the regulation of immune and inflammatory responses, contributing to cell proliferation, migration, and cytokine production. AIF-1 plays roles in vascular pathology, tissue repair, and immune-mediated diseases.

Elevated expression of AIF-1 has been associated with various pathological conditions, including atherosclerosis, autoimmune disorders, and neuroinflammation. It serves as a marker for activated immune cells, making it valuable for studying inflammation-related mechanisms and disease progression.

Using a high-quality AIF-1 antibody allows sensitive detection in applications such as western blot, immunohistochemistry, and immunofluorescence. An AIF-1 antibody from NSJ Bioreagents provides reliable performance for research in immunology, neurobiology, and cardiovascular disease. Selecting the right AIF-1 antibody ensures accurate and reproducible experimental outcomes.

## Application Notes

Optimal dilution of the AIF-1 antibody should be determined by the researcher.

## Immunogen

A peptide sequence specific to Allograft inflammatory factor 1 was used as the immunogen for the AIF-1 antibody.

## Storage

After reconstitution, the AIF-1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.