

GIT1 Antibody / p95-APP1 (F54926)

Catalog No.	Formulation	Size
F54926-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54926-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9Y2X7
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:50-1:100 (1x10e6 cells)
Limitations	This GIT1 antibody is available for research use only.

kDa
250
130
95
72
55

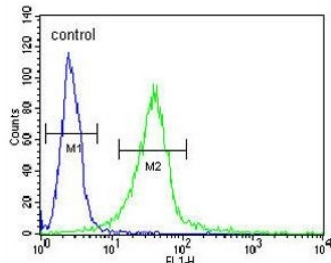
Western blot testing of human HeLa cell lysate with GIT1 antibody. Expected molecular weight: 84-95 kDa.

kDa
250
130
95
72
55
1 2

Western blot testing of human 1) U-2 OS and 2) HUVEC lysate with GIT1 antibody. Expected molecular weight: 84-95 kDa.

kDa
250
130
95
72
55

Western blot testing of mouse NIH 3T3 cell lysate with GIT1 antibody. Expected molecular weight: 84-95 kDa.



Flow cytometry testing of human NCI-H460 cells with GIT1 antibody; Blue=isotype control, Green= GIT1 antibody.

Description

GTPase-activating protein for the ADP ribosylation factor family. May serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. Increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Sequesters inactive non-tyrosine-phosphorylated paxillin in cytoplasmic complexes (from SwissProt).

Application Notes

The stated application concentrations are suggested starting points. Titration of the GIT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 533-561 from the human protein was used as the immunogen for the GIT1 antibody.

Storage

Aliquot the GIT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.