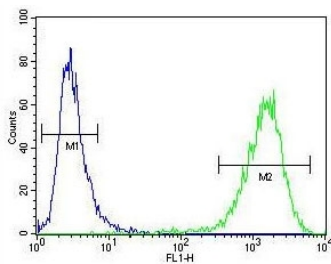


cGAMP Synthase Antibody / cGAS (F54548)

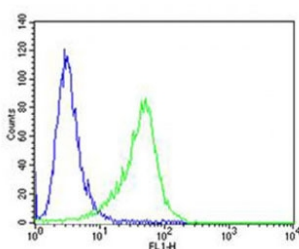
Catalog No.	Formulation	Size
F54548-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54548-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

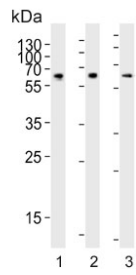
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
UniProt	Q8N884
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Western Blot : 1:500-1:2000
Limitations	This cGAMP Synthase antibody is available for research use only.



Flow cytometry testing of human MDA-MB-231 cells with cGAMP Synthase antibody; Blue=isotype control, Green= cGAMP Synthase antibody.



Flow cytometry testing of human A549 cells with cGAMP Synthase antibody; Blue=isotype control, Green= cGAMP Synthase antibody.



Western blot testing of human 1) HT-29, 2) ThP-1 and 3) cerebellum lysate with cGAMP Synthase antibody. Predicted molecular weight ~59 kDa.

Description

Nucleotidyltransferase that catalyzes the formation of cyclic GMP-AMP (cGAMP) from ATP and GTP and plays a key role in innate immunity. [UniProt]

Application Notes

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

Immunogen

A portion of amino acids 266-295 from the human protein was used as the immunogen for the cGAMP Synthase antibody

Storage

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