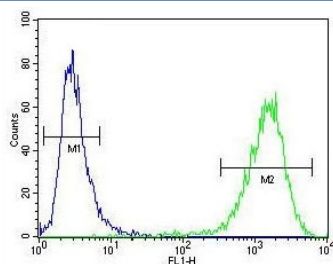


## cGAMP Synthase Antibody / cGAS (F54548)

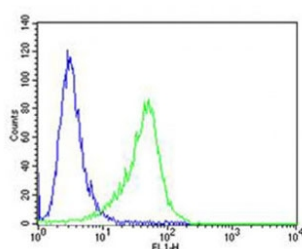
Catalog No.	Formulation	Size
F54548-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54548-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

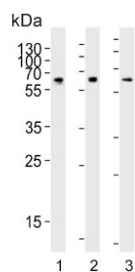
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q8N884
<b>Applications</b>	Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells) Western Blot : 1:500-1:2000
<b>Limitations</b>	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.