

**cGAS Recombinant Rabbit mAb**

Catalog: BS45792

Host: Rabbit

Reactivity: Mouse

**BackGround:**

The protein encoded by this gene is a DNA binding cytosolic protein that catalyzes the synthesis of cyclic guanosine monophosphate-adenosine monophosphate (cGAMP) after sensing the presence of DNA in the cytoplasm. cGAMP binds another protein, Stimulator of interferon genes (STING), leading to the induction of interferons, and a host immune response. Reduced expression of this gene inhibits interferon induction in the presence of some viral infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

58 kDa

**Swiss-Prot:**

Q8C6L5

**Purification&Purity:**

Affinity Purification

**Applications:**

WB: 1:1000&lt;br /&gt;IP: 1:20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of extracts from RAW 264.7 cells using db12482 at 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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