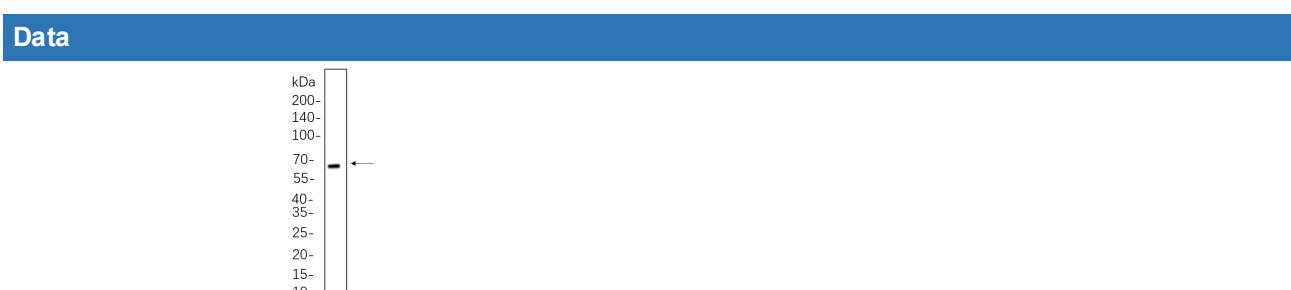


## Recombinant cGAS Monoclonal Antibody

catalog number: AN300684L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Mouse
Immunogen	Recombinant Mouse cGAS protein
Host	Rabbit
Isotype	IgG,κ
Clone	B623
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200



Western Blot with Recombinant cGAS Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: RAW264.7 whole cell lysate.

**Observed-MW:58 kDa**

**Calculated-MW:58 kDa**

## Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

## Background

Enables several functions, including 2',3'-cyclic GMP-AMP synthase activity; molecular condensate scaffold activity; and phosphatidylinositol-4,5-bisphosphate binding activity. Involved in several processes, including defense response to symbiont; intracellular signal transduction; and regulation of defense response. Located in nuclear body; plasma membrane; and site of double-strand break. Is active in cytosol and nucleus.

## For Research Use Only

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