

## Recombinant cGAS Monoclonal Antibody

catalog number: AN301372L

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

### Description

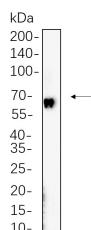
Reactivity	Human
Immunogen	Recombinant Human cGAS protein
Host	Rabbit
Isotype	IgG,κ
Clone	B1139
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

IHC	1:100-1:500
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data



Western Blot with Recombinant cGAS Monoclonal Antibody

at dilution of 1:1000 dilution. Lane A: HT-29 whole cell lysate.

**Observed-MW:62 kDa**

**Calculated-MW:62 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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Rev. V1.2