Recombinant cGAS Monoclonal Antibody

catalog number: **AN300684L**

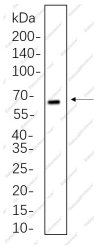
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse cGAS protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C510308
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
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

Data



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.

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