

## GRO alpha Antibody

CAB5802

### Description

---

This GRO alpha Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

**SKU:** CAB5802

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** FSP, GRO1, GROa, MGSA, NAP-3, SCYB1, MGSA-a, GRO alpha

**Clone:** -

**Applications:** **WB** **IF/ICC** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Rat

### Antibody Data

---

**Gene ID:** 2919

**Uniprot:** AB\_2766554

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 11kDa

**Calculated MW:** 11kDa

## Preparation & Storage

---

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** NCI-H460

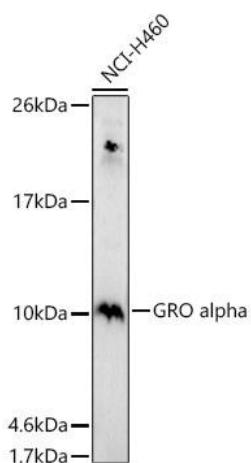
**Recommended Dilutions:**

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

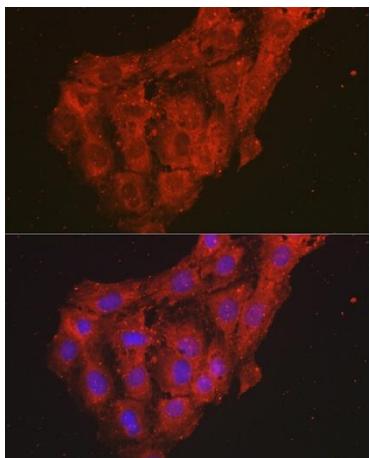
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

---



Western blot analysis of lysates from NCI- cells, using GRO alpha Rabbit pAb (CAB5802) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunofluorescence analysis of cells using GRO alpha Rabbit pAb (CAB5802) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.