

## Phospho-GYS1-S641 Monoclonal Antibody

**CABP1129**

### Description

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This Phospho-GYS1-S641 Monoclonal 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

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**SKU:** CABP1129  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** GSY, GYS, Phospho-GYS1-S641  
**Clone:** ARC0207  
**Applications:** WB ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse

### Antibody Data

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**Gene ID:** 2997  
**Uniprot:** AB\_2863997  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 85kDa  
**Calculated MW:** 84kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, 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.

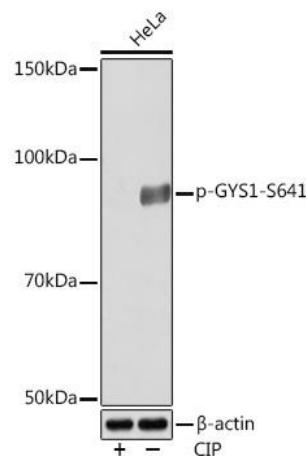
**Positive Sample:** HeLa

**Recommended Dilutions:**

|       |   |
|-------|---|
| WB    | 1:500 - 1:2000  |
| 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 various lysates using Phospho-Rabbit mAb (CAB4774) at 1:1000 dilution. Hela cells were treated by CIP(20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.