

## Mouse anti GFP-Tag mAb

CABE012

### Description

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This Mouse anti GFP-Tag mAb 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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<b>SKU:</b>	CABE012
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	GFP, GFP tag, GFP-tag
<b>Clone:</b>	AMC0483R
<b>Applications:</b>	<span>WB</span> <span>IF/ICC</span> <span>IP</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Species independent

### Antibody Data

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<b>Gene ID:</b>	-
<b>Uniprot:</b>	AB_2770402
<b>Host Species:</b>	Mouse
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	27kDa/68kDa
<b>Calculated MW:</b>	27kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

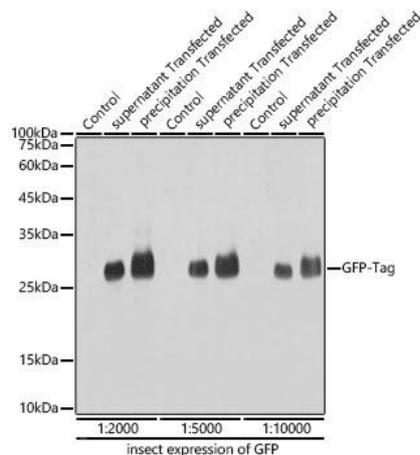
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** insect expression of GFP, 293T

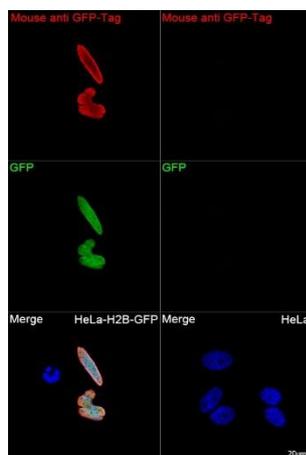
<b>Recommended Dilutions:</b>	<b>WB</b>	1:5000 - 1:10000
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**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

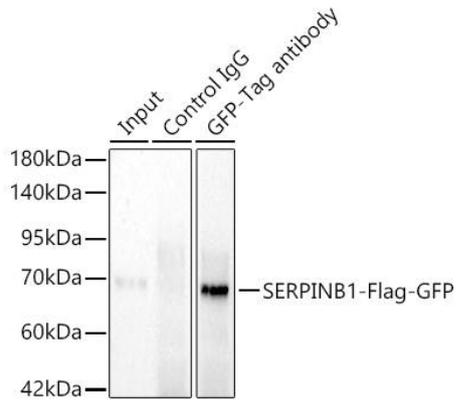
## Validation Data



Western blot analysis of insect expressed GFP protein using Mouse anti GFP-Tag mAb (CABE012) at different dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Confocal imaging of HeLa cells transfected with H2B-GFP using Mouse anti GFP-Tag mAb (CABE012, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (CABS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunoprecipitation of SERPINB1-Flag-GFP from 300  $\mu$ g extracts of 293T cells transfected with a SERPINB1 expression vector containing a single C-terminal Flag-GFP-Tag was performed using 3  $\mu$ g of Mouse anti GFP-Tag mAb (CABE012). Mouse Control IgG (CABC011) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10 % of the total input. Western blot analysis of immunoprecipitates was conducted using Rabbit anti DDDDK-Tag mAb at a dilution of 1:5000.