Mouse anti GST-Tag mAb

CABE001

Description

This Mouse anti GST-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

SKU:	CABE001
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	GST, GST tag, GST-tag
Clone:	AMC0501
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Species independent

Antibody Data

Gene ID:	-
Uniprot:	AB_2770403
Host Species:	Mouse
Purification:	Affinity purification
Observed MW:	27kDa
Calculated MW:	26kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 1.5% 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.

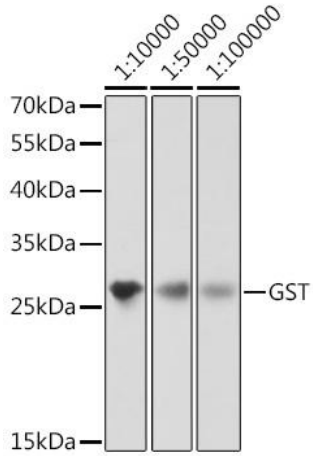
Positive Sample: GST-Tag

Recommended Dilutions:

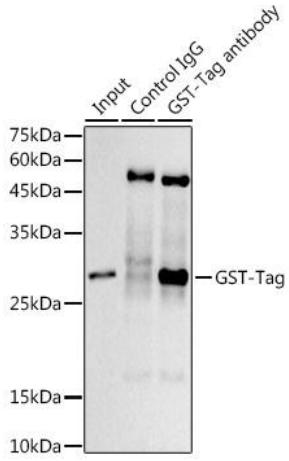
WB	1:2000 - 1:10000
IP	3µg antibody for 1µg extracts of recombinant protein
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 over-expressed GST protein using Mouse anti GST-Tag mAb (CABE001) at different dilution. Each lane was loaded with 2 ug cell lysate. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunoprecipitation analysis of 1 µg extracts of GST-Tag cells using 3 µg Mouse anti GST-Tag mAb antibody (CABE001). Western blot was performed from the immunoprecipitate using Mouse anti GST-Tag mAb antibody (CABE001) at a dilution of 1:1000.