

Anti-GFP-Tag antibody (1-100 aa) [SMM5500] (STJ11107568)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP
Host / Source	Mouse
Reactivity	Species Independent

PRODUCT PROPERTIES

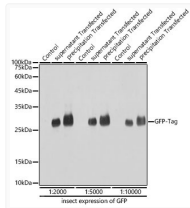
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:10000-1:40000 IP:0.5 Mu g-4 Mu g extracts of whole cells
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG1k
Molecular Weight	Protein Mw: 27kDa Observed Mw: 27kDa/68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Immunogen Region	1-100 aa
Immunogen Sequence	MSKGEELFTGVVPIVLVDLG DVNGHKFSVSGEGEGDATYG KLTCLKICTTGKLPVWPWTL VTTFSYGVQCFSRYPDHMKQ HDFFKSAMPEGYVQERTIFF
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 to the N-terminus of GFP protein.

ADDITIONAL INFORMATION

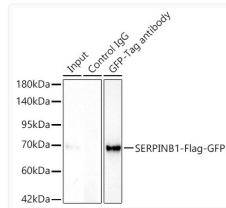
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



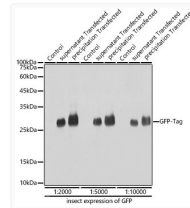
Western blot analysis of insect expressed GFP protein using Mouse anti GFP-Tag mAb (STJ11107568) at different dilution.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution.

Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



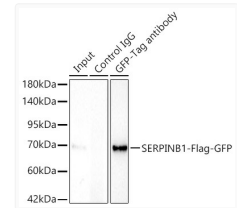
Immunoprecipitation of SERPINB1-Flag-GFP from 300 µg extracts of 293T cells transfected with a SERPINB1 expression vector containing a single N-terminal Flag-GFP-Tag was performed using 3 µg of Mouse anti GFP-Tag mAb (STJ11107568). Mouse Control IgG (STJ11107555) was used to precipitate the Control IgG 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 (AE063) at a dilution of 1:5000.



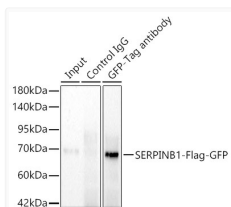
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Immunoprecipitation of SERPINB1-Flag-GFP from 300 µg extracts of 293T cells transfected with a SERPINB1 expression vector containing a single C-terminal Flag-GFP-Tag was performed using 3 µg of Mouse anti GFP-Tag mAb (STJ11107568). Mouse Control IgG (STJ11107555) 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 (AE063) at a dilution of 1:5000.