

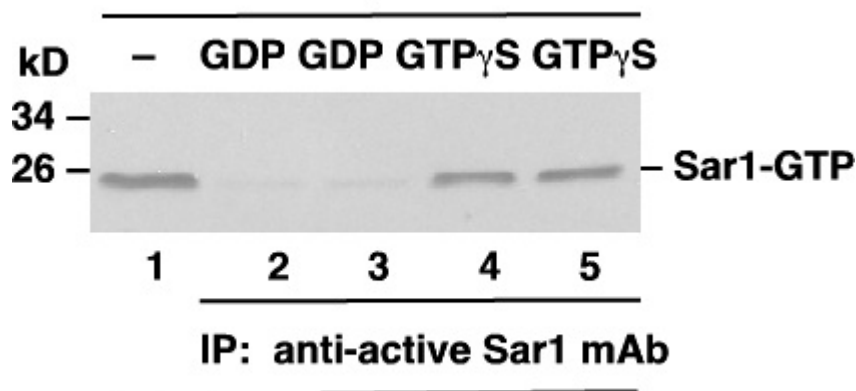
**SAR1-GTP****Anti-Sar1GTP Mouse Monoclonal Antibody****Cat. #:** 26916**Size:** 30 µL**Gene Symbol:** SAR1**Description:** Anti-Sar1-GTP Mouse Monoclonal Antibody**Background:** Small GTPases are a super-family of cellular signaling regulators. Sar1 is a member of these small GTPases. Sar1 functions as a molecular switch to control protein-protein and protein-lipid interactions that direct vesicle budding from the ER.**Immunogen:** Recombinant full length protein of active Sar1a.**Applications:** IP, IHC and IF (**Not applicable for WB since SDS denatures Sar1 GTPase**)**Published Applications:** [IP, IHC and IF - Click for Details](#)**Recommended Dilutions:**

IP: 1 µg for 1~2 mg total cellular proteins

IHC, IF: 1:50-1:250

**Concentration:** 1 mg/ml**Host Species:** Mouse**Format:** Liquid**Clonality:** Monoclonal**Isotype:** IgG**Purity:** Purified from ascites**Preservative:** No**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Anti-active Sar1 antibody recognizes active Sar1 of vertebrates.**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

## Immunoprecipitation/Western blot: Sar1 protein



### WB: anti-Sar1 pAb

### Sar1 Activation Assay.

Purified Sar1 proteins were loaded with GDP (lanes 2 and 3) or GTP $\gamma$ S (lanes 4 and 5). Immunoprecipitation was done with the anti-active Sar1 monoclonal antibody (Cat. No. 26916). Immunoblot was with an anti-Sar1 rabbit polyclonal antibody (Cat. No. 21090).