

## Active Sar1

**Catalog Number:** 26916

**Gene Symbol:** SAR1

**Description:** Anti-Active Sar1 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.

**Tested applications:** IP, IHC

**Recommended dilutions:**

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

1:100 dilution for IHC

**Concentration:** 1 mg/ml

**Host:** mouse

**Clonality:** Monoclonal

**Isotype:** IgG

**Purity:** Purified from ascites

**Format:** Liquid

**Storage buffer:**

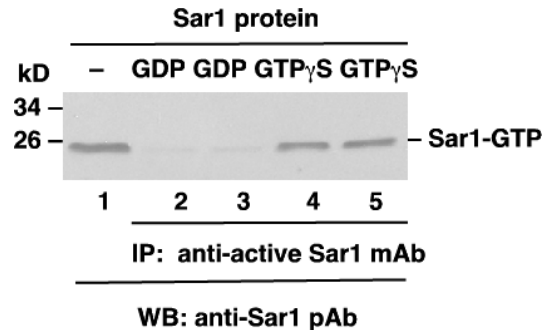
Preservative: no

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 freeze / thaw cycles

### Immunoprecipitation/Western blot



Sar1 activation assay. Purified Sar1 proteins were loaded with GDP (lanes 2 and 3) or GTPγS (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).