

**ARL1-GTP****Anti-Arl1GTP Mouse Monoclonal Antibody****Cat. #:** 26924**Size:** 30 µL**Gene Symbol:** Arl1**Description:** Anti-Arl1-GTP Mouse Monoclonal Antibody

**Background:** Arl1 (Arf-like 1) localizes to the Golgi complex, where it is believed to recruit effector proteins to the trans-Golgi network. Golgi-localized proteins golgin-97 and golgin-245 have been shown as Arl1 effectors. Additional Arl1 effectors include the GARP (Golgi-associated retrograde protein)/VFT (Vps53) vesicle-tethering complex and Arfaptin 2. In Drosophila zygotes, mutation of Arl1 is lethal.

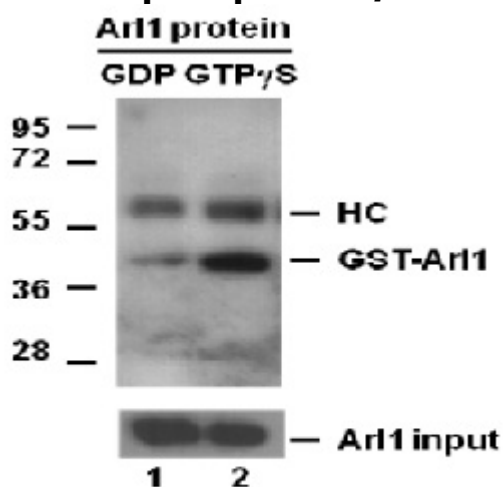
**Immunogen:** Recombinant Arl1 protein (active form)**Applications:** IP, IHC and IF (**Not applicable for WB since SDS denatures Arl1 GTPase**)**Recommended Dilutions:**

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:** Arl1 antibody recognizes active Arl1-GTP from vertebrates.**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

## Immunoprecipitation/Western blot:



**IP:** anti-active Arl1 mAb

**IB:** anti-Arl1 mAb

### **Arl1 Activation Assay.**

Purified GST-tagged Arl1 proteins (Cat. #10136) were immunoprecipitated with the anti-active Arl1 monoclonal antibody (Cat. # 26924) after treated with GDP (lane 1) or GTP $\gamma$ S (lane 2), and was blotted with anti- Arl1 monoclonal antibody (Cat. #26056). Arl1 protein input control is shown in the bottom panel.