

## [KO Validated] STAT3 Monoclonal Antibody

CAB19566

### Description

---

This [KO Validated] STAT3 Monoclonal Antibody 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:** CAB19566  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** APRF, HIES, ADMIO, ADMIO1, T3  
**Clone:** ARC2603  
**Applications:** WB ELISA  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse

### Antibody Data

---

**Gene ID:** 6774  
**Uniprot:** AB\_2862671  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 79kDa/88kDa  
**Calculated MW:** 88kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

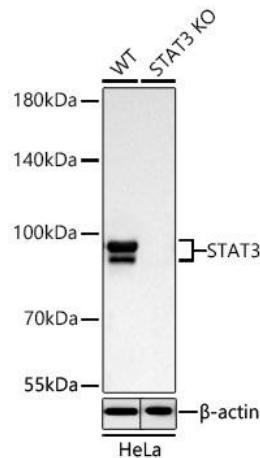
**Positive Sample:** A549, HeLa, Mouse liver

**Recommended Dilutions:**

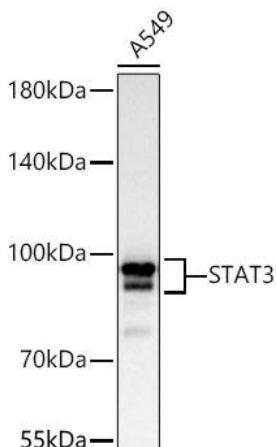
WB	1:1000 - 1:6000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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 lysates from wild type (WT) and STAT3 knockout (KO) HeLa cells using [KO Validated] STAT3 Rabbit mAb (CAB19566) at 1:3000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of lysates from cells using [KO Validated] STAT3 Rabbit mAb (CAB19566) at 1:3000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.