

## STK39 Monoclonal Antibody

**CAB2275**

### Description

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This STK39 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

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**SKU:** CAB2275  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** DCHT, PASK, SPAK, Ste 20 related kinase, STK39  
**Clone:** ARC1896  
**Applications:** **WB** | **IHC-P** | **IF/ICC** | **ELISA** | **IF-P**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 27347  
**Uniprot:** AB\_2862985  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 68kDa  
**Calculated MW:** 59kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

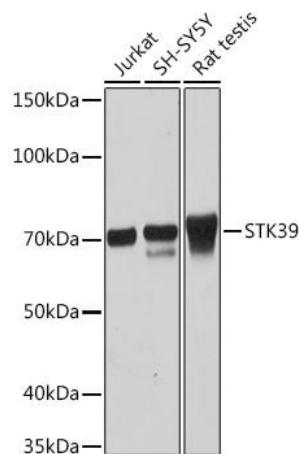
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** Jurkat, SH-SY5Y, Rat testis

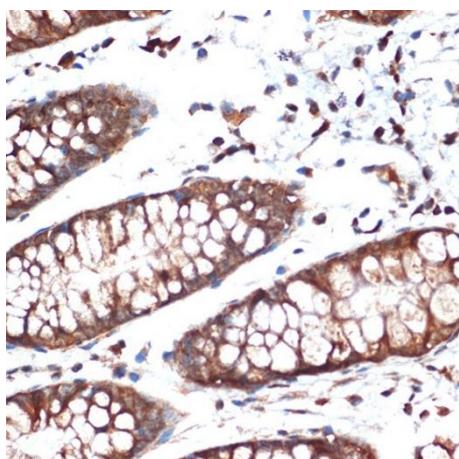
<b>Recommended Dilutions:</b>	<b>WB</b>	1:1000 - 1:6000
	<b>IF/ICC</b>	1:100 - 1:400
	<b>IF-P</b>	1:100 - 1:400
	<b>IHC-P</b>	1:100 - 1:1000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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

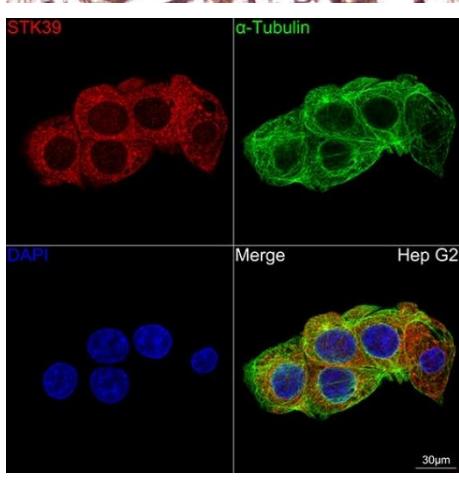
## Validation Data



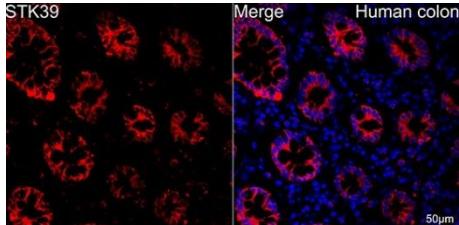
Western blot analysis of various lysates using Rabbit mAb (CAB2275) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



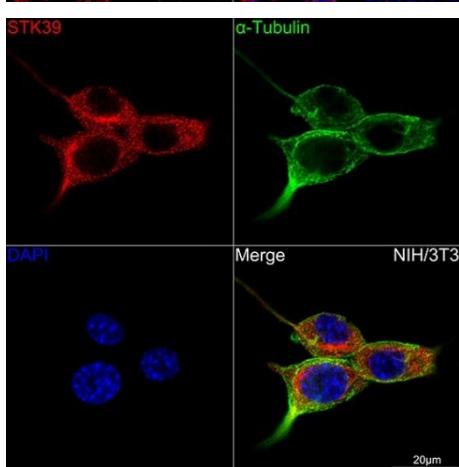
Immunohistochemistry analysis of paraffin-embedded Human colon using Rabbit mAb (CAB2275) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of Hep cells using Rabbit mAb (CAB2275, at dilution of 1:100) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (CABC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of human colon using Rabbit mAb (CAB2275, at dilution of 1:100) (Red). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



Western blot analysis of various lysates using Rabbit mAb (CAB2275) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.