

## Anti-CAB39 Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

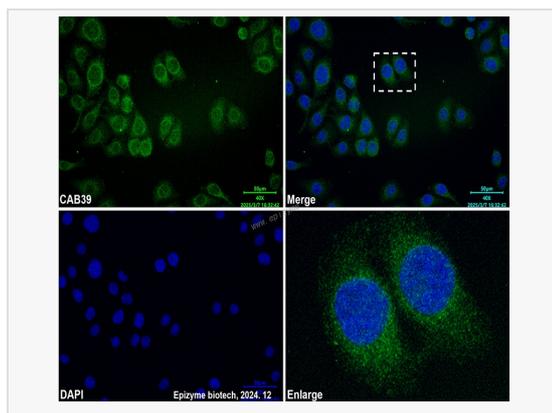
Catalog # M014967

### Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse (Cell), Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	35I61B13
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human CAB39
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CAB39 Mouse mAb [35I61B13] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Cab39, CAB39_HUMAN, Calcium binding protein 39, Calcium-binding protein 39, CGI 66, CGI-66, CGI66, MO25 alpha, MO25, Mouse protein 25 alpha, Protein Mo25.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 40 kDa
Uniprot ID	Q9Y376
Gene ID	51719
Background	Component of a complex that binds and activates STK11/LKBI
Cellular Location	Cytoplasm.



Immunofluorescence - Anti-CAB39 Mouse mAb [35161B13]

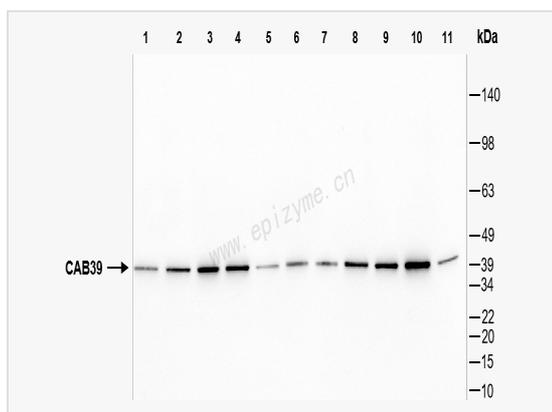
Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibody: M014967 at 1:100 dilution

Secondary antibody: Goat anti-Mouse (488) at 1:1,000 dilution (shown in green)

Nuclei were stained with DAPI (shown in blue).



Western Blot - Anti-CAB39 Mouse mAb [35161B13]

All lanes: M014967 at 1:1,000 dilution

Lane 1: A549 (Human lung carcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 6: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates

Lane 7: 293T (Human embryonic kidney cell) whole cell lysates

Lane 8: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 9: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 10: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 11: Rat liver whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution

Predicted band size: 40 kDa

Observed band size: 40 kDa

Developed using the ECL technique (Cat. No. SQ201).