Anti-Apc6/CDC16 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014358

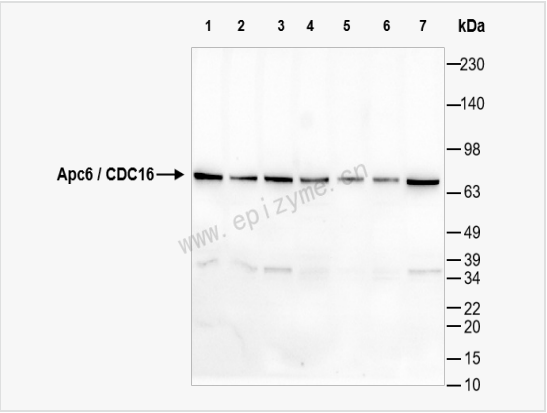
Product Information

Application	ELISA, WB, IF (Cell)/ICC
Reactivity	Mouse, Rat, Human
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	51G58J64
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Flotillin 2
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-Apc6/CDC16 Rabbit mAb [51G58J64] is for research use only and not for use in diagnostic or therapeutic procedures.

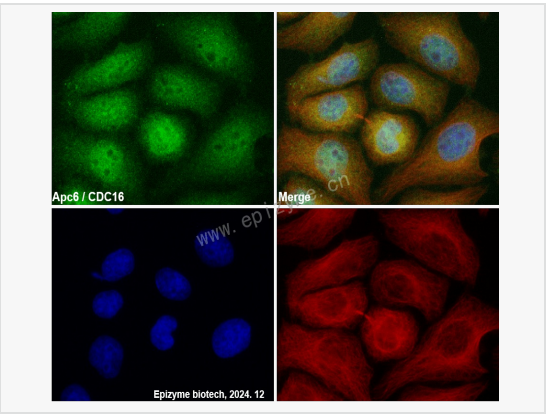
Protein Information

Synonyms	ANAPC6, Anaphase promoting complex subunit 6, Anaphase-promoting complex subunit 6, Apc 6, APC6, CDC 16, CDC16 (cell division cycle 16 S. cerevisiae homolog), Cdc16, CDC16 homolog, CDC16 protein, CDC16_HUMAN, CDC16Hs, Cell division cycle 16, Cell division cycle 16 homolog, Cell division cycle protein 16 homolog, CUT9, Cyclosome subunit 6.
Calculated MW	Calculated MW: 72 kDa; Observed MW: 72 kDa
Uniprot ID	Q13042, Q8R349
Gene ID	8881, 69957
Background	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.
Cellular Location	Cytoplasm > cytoskeleton > centrosome. Cytoplasm > cytoskeleton > spindle. Colocalizes with CDC27 to the centrosome at all stages of the cell cycle and to the mitotic spindle.

Validation Images



Western Blot - Anti-Apc6/CDC16 Rabbit mAb [51G58J64]
All lanes: R014358 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma 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: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 6: U2OS (Human osteosarcoma epithelial cell) whole cell lysates
Lane 7: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 72 kDa, 71 kDa
Observed band size: 71 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-Apc6/CDC16 Rabbit mAb [51G58J64]
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 antibodies: R014358 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).