

Anti-Cdc25C Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

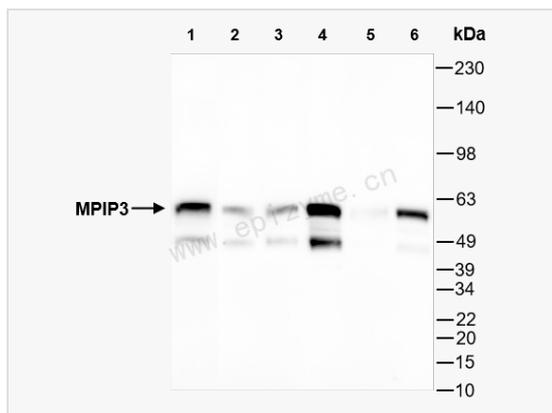
Catalog # M014939

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	71H19H76
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Cdc25C
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-Cdc25C Mouse mAb [71H19H76] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CDC 25, Cdc 25C, CDC25, CDC25C, Cell division cycle 25 homolog C, Cell division cycle 25C, Cell division cycle 25C protein, Dual specificity phosphatase Cdc25C, M phase inducer phosphatase 3, M-phase inducer phosphatase 3, Mitosis inducer CDC25, MPIP3, MPIP3_HUMAN, Phosphotyrosine phosphatase, PPP1R60, protein phosphatase 1, regulatory subunit 60.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 53 kDa
Uniprot ID	P30307
Gene ID	995
Background	This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Dec 2015]
Cellular Location	Nucleus.



Western Blot - Anti-Cdc25C Mouse mAb [71H19H76]

All lanes: M014939 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 4: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 5: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates

Lane 6: 293T (Human embryonic kidney cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

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

Predicted band size: 53 kDa

Observed band size: 53 kDa

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