

# Anti-Cyclophilin F Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

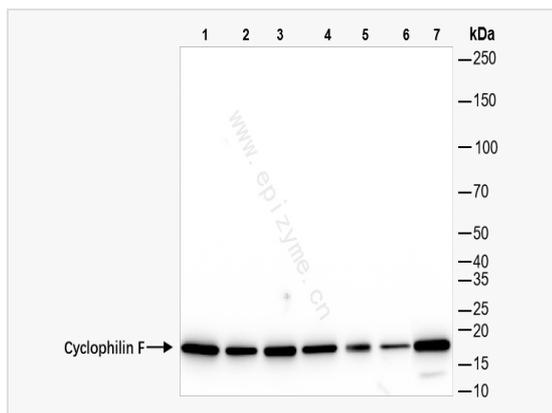
Catalog # R013999

## Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	20C36H75
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Cyclophilin F
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-Cyclophilin F Rabbit mAb [20C36H75] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	Cyclophilin 3, cyclophilin D, Cyclophilin F, Cyp D, CyP M, CyP-D, CyP-M, CYP3, CypD, hCyP3, mitochondrial, Mitochondrial cyclophilin, Peptidyl prolyl cis trans isomerase, mitochondrial, Peptidyl-prolyl cis-trans isomerase F, Peptidyl-prolyl cis-trans isomerase F, mitochondrial, Peptidylprolyl isomerase F (cyclophilin F), Peptidylprolyl isomerase F, PPIase, PPIase F, Ppif, PPIF_HUMAN, Rotamase, Rotamase F.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 60 kDa
Uniprot ID	P30405
Gene ID	10105
Background	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Cellular Location	Mitochondrion matrix.



Western Blot - Anti-Cyclophilin F Rabbit mAb [20C36H75]

All lanes: R013999 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: Rat heart whole tissue lysates

Lane 7: Rat spleen whole tissue lysates

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

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 22 kDa

Observed band size: 18 kDa

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