

## Anti-ARF5 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

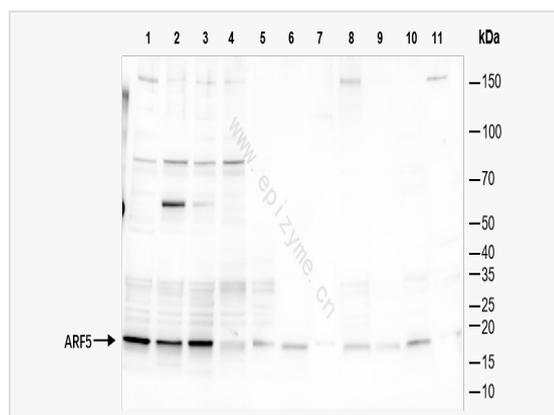
Catalog # R014060

### Product Information

Application	WB, IF (Cell)/ICC, ELISA, IHC-P/IF (Tissue-P)
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	37C90E09
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ARF5
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-ARF5 Rabbit mAb [37C90E09] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	ADP ribosylation factor 5, ADP ribosylation factor 5, ARF 5, Arf5, ARF5 HUMAN.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 18 kDa
Uniprot ID	P84085
Gene ID	381
Background	This gene is a member of the human ADP-ribosylation factor (ARF) gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6). The members of each class share a common gene organization. [provided by RefSeq, Dec 2010]
Cellular Location	Golgi apparatus. Cytoplasm > perinuclear region.



Western Blot - Anti-ARF5 Rabbit mAb [37C90E09]

All lanes: R014060 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 small intestine whole tissue lysates

Lane 7: Rat kidney whole tissue lysates

Lane 8: Rat spleen whole tissue lysates

Lane 9: Mouse heart whole tissue lysates

Lane 10: Mouse brain whole tissue lysates

Lane 11: Mouse muscle whole tissue 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: 21 kDa

Observed band size: 18 kDa

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