Anti-ARF6 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013923

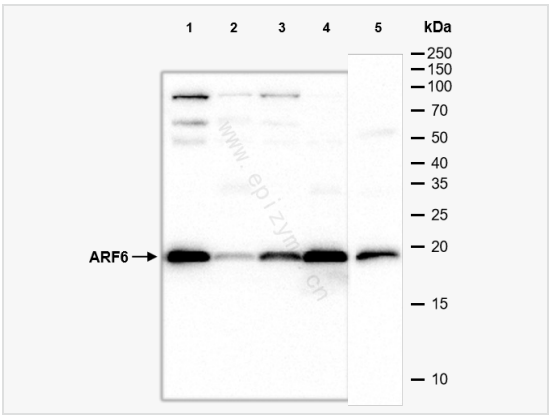
Product Information

Application	IHC-P/IF (Tissue-P), WB, ELISA
Reactivity	Human, Mouse
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.	88E63N08
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ARF6
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-ARF6 Rabbit mAb [88E63N08] is for research use only and not for use in diagnostic or therapeutic procedures.

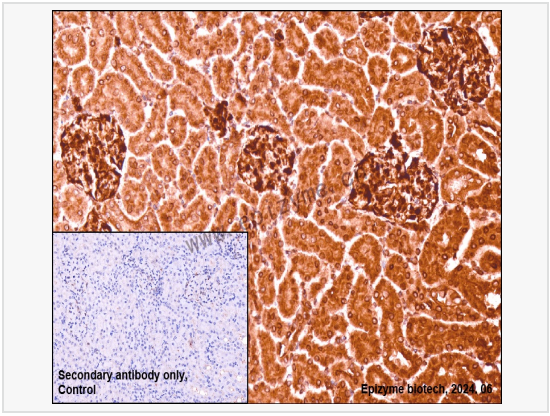
Protein Information

Synonyms	ADP ribosylation factor 6, ADP ribosylation factor protein 6, ADP-ribosylation factor 6, ARF6, ARF6_HUMAN, DKFZp564M0264, Small GTP binding protein, Small GTPase.
Calculated MW	Calculated MW: 19 kDa; Observed MW: 19 kDa
Uniprot ID	P62330
Gene ID	382
Background	This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF 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 product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7. [provided by RefSeq, Jul 2008]
Cellular Location	Golgi apparatus. Cell membrane. Endosome membrane. Cell membrane. Cell projection > filopodium membrane. Recruited to the cell membrane in association with CYTH2 and ARL4C.

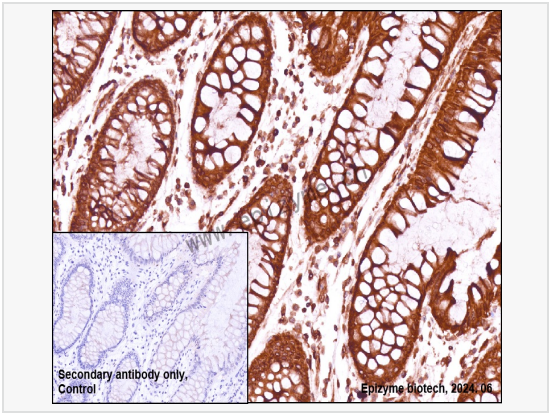
Validation Images



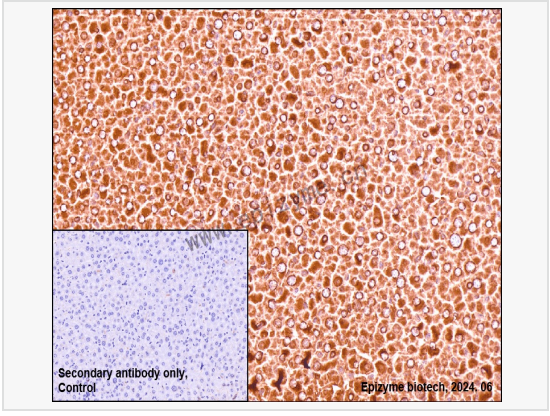
Western Blot - Anti-ARF6 Rabbit mAb [88E63N08]
All lanes: R013923 at 1:1,000 dilution
Lane 1: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 2: MCF7 (Human breast adenocarcinoma epithelial cell) whole cell lysates
Lane 3: HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates
Lane 4: Raw264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates
Lane 5: Balb/c mouse spleen 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: 19 kDa
Observed band size: 19 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ARF6 Rabbit mAb [88E63N08]
Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R013923 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ARF6 Rabbit mAb [88E63N08]
Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R013923 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ARF6 Rabbit mAb [88E63N08]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse liver tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R013923 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.