

Anti-MARK3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

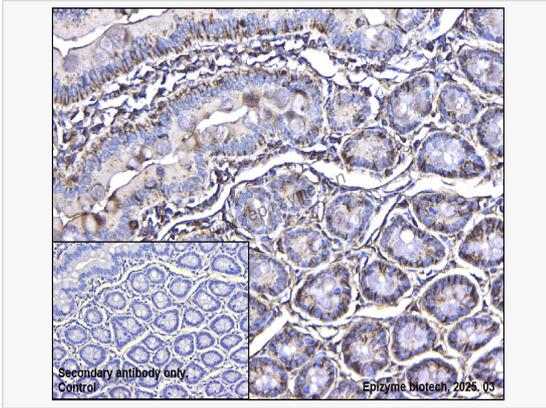
Catalog # R015008

Product Information

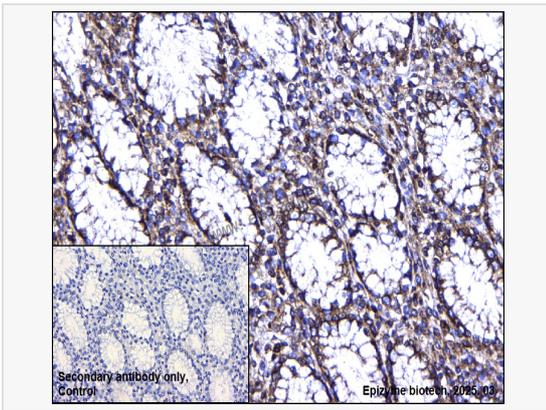
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	95N55L56
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Mark3
Format	Affinity purified monoclonal 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-MARK3 Rabbit mAb [95N55L56] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

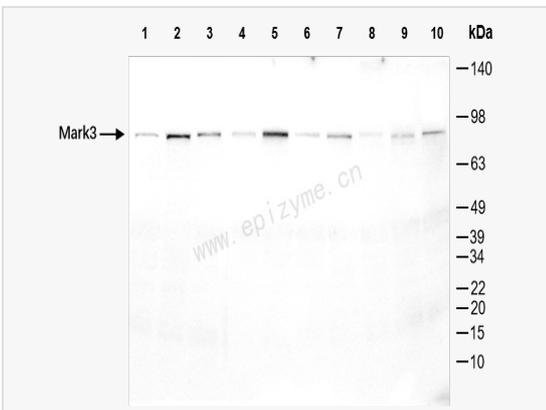
Synonyms	C-TAK1, Cdc25C associated protein kinase 1, Cdc25C-associated protein kinase 1, cTAK1, ELKL motif kinase 2, EMK-2, Emk2, ETK 1, KIAA4230, KP78, MAP microtubule affinity regulating kinase 3, MAP/microtubule affinity-regulating kinase 3, Mark3, MARK3_HUMAN, Par 1a, PAR1A, Protein kinase STK10, Ser/Thr protein kinase PAR-1, Serine threonine protein kinase p78, Serine/threonine-protein kinase p78, SerThr protein kinase PAR 1.
Calculated MW	Calculated MW: 84 kDa; Observed MW: 84 kDa
Uniprot ID	P27448
Gene ID	4140
Background	The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Tissue Location	Ubiquitous.



Immunohistochemistry - Anti-MARK3 Rabbit mAb [95N55L56]
 Sample: Paraformaldehyde-fixed, paraffin embedded rat duodenum tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015008 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-MARK3 Rabbit mAb [95N55L56]
 Sample: Paraformaldehyde-fixed, paraffin embedded human gastric cancer tissue
 Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
 Primary antibody: R015008 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.



Western Blot - Anti-MARK3 Rabbit mAb [95N55L56]
 All lanes: R015008 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: T24 (Human bladder cancer epithelial cell) whole cell lysates
 Lane 4: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates
 Lane 5: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
 Lane 6: 293T (Human embryonic kidney cell) whole cell lysates
 Lane 7: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates
 Lane 8: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
 Lane 9: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
 Lane 10: PC-12 (Rat adrenal pheochromocytoma epithelial 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: 84 kDa
 Observed band size: 84 kDa
 Developed using the ECL technique (Cat. No. SQ201).