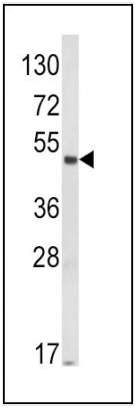
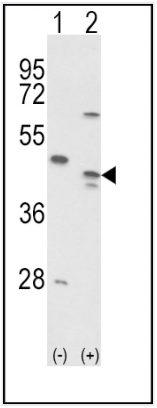
MOK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

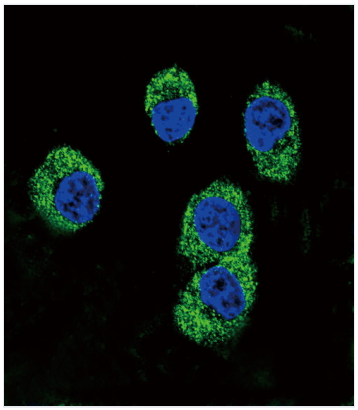
Product Name	MOK, Polyclonal Antibody
Full Product Name	MOK (MAPK/MAK/MRK Overlapping Kinase, MOK Protein Kinase, Renal Tumor Antigen 1, RAGE1 RAGE-1, RAGE) (APC)
Product Gene Name	anti-MOK antibody
Product Synonym Names	EC=2.7.11.22
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human MOK.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Do not freeze APC conjugates. Light sensitive. Aliquots are stable for at least 6 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	48.014
OMIM	605762
3D Structure	ModBase 3D Structure for Q9UQ07
Immunogen	Synthetic peptide corresponding to a portion within aa 206-234 from the Center region of human MOK, conjugated to KLH. (Q9UQ07).
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-MOK antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-MOK antibody	Western Blot (WB), FLISA
Application Notes for anti-MOK antibody	WB: 1:100-1:500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MOK antibody	MBS6488456 is an antibody targeting MOK. Also known as MOK (MAPK/MAK/MRK Overlapping Kinase, MOK Protein Kinase, Renal Tumor Antigen 1, RAGE1 RAGE-1, RAGE) (APC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-MOK antibody	1. Peng, W.H., et.al., Arch. Med. Res. 40(5), 393-398 (2009).
Other Notes	Small volumes of anti-MOK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-MOK antibody
Western blot analysis of human lung lysates (35ug/lane). MOK (arrow) was detected using M4355-50.



Western Blot (WB) of anti-MOK antibody
Western blot analysis of HepG2 Lane 1 or human lung tissue lysates (35ug/lane). MOK (arrow) was detected using M4355-50.



Immunofluorescence (IF) of anti-MOK antibody
Confocal immunofluorescent analysis of M4355-50 with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green).DAPI was used to stain the cell nuclear (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOK. It may not necessarily be applicable to this product.

NCBI GI #	7657498
NCBI Accession #	NP_055041.1
UniProt Primary Accession #	Q9UQ07
GenBank Nucleotide #	NP_055041.1
NCBI Official Full Name	MAPK/MAK/MRK overlapping kinase isoform 1
UniProt Protein Name	MAPK/MAK/MRK overlapping kinase
UniProt Synonym Protein Names	MOK protein kinase; Renal tumor antigen 1
Protein Family	MAPK/MAK/MRK overlapping kinase
UniProt Gene Name	MOK
UniProt Synonym Gene Names	RAGE; RAGE1; RAGE-1
UniProt Entry Name	MOK_HUMAN

UniProt Comments for MOK	MOK: a CMGC protein kinase of the RCK family. Possesses a Thr-Glu-Tyr motif in the activation loop domain, as do classical MAP kinases. Associates with and is apparently stabilized by HSP90. Protein type: EC 2.7.11.22; Protein kinase, CMGC; Protein kinase, Ser/Thr (non-receptor); Kinase, protein; CMGC group; RCK family Chromosomal Location of Human Ortholog: 14q32 Cellular Component: cytoplasm Molecular Function: protein serine/threonine kinase activity; cyclin-dependent protein kinase activity; ATP binding; protein kinase activity Biological Process: regulation of cell cycle; signal transduction; protein amino acid phosphorylation
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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