

Mouse MAPK3 Monoclonal Antibody | anti-MAPK3 antibody

MAPK3 (Mitogen-Activated Protein Kinase 3, ERK1, HS44KDAP, HUMKER1A, MGC20180, P44ERK1, P44MAPK, PRKM3) (PE)

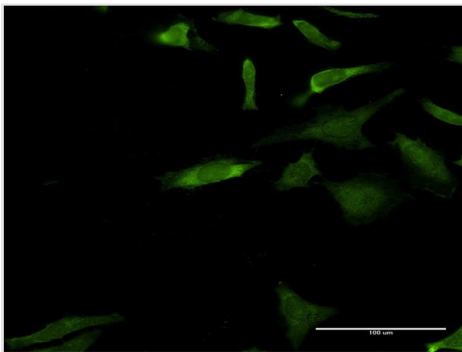
CATALOG # AAA26664	HOST Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

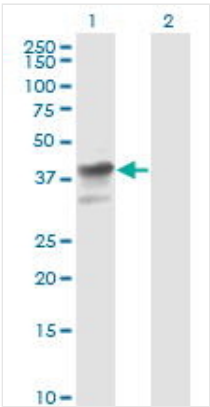
MAPK3; Monoclonal Antibody; MAPK3 (Mitogen-Activated Protein Kinase 3; ERK1; HS44KDAP; HUMKER1A; MGC20180; P44ERK1; P44MAPK; PRKM3) (PE); Mitogen-Activated Protein Kinase 3; PRKM3; anti-MAPK3 antibody

PRODUCT SPECIFICATIONS

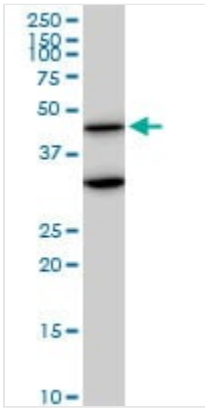
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F7
Specificity	Recognizes MAPK3.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	379
Applicable Applications for anti-MAPK3 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	MAPK3 (AAH13992, 279aa-379aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NYLQSLPSKTKVAWAKLFPKSDSKALDLLDRMLTFNPNKRITVEEALAHPLYEQYYDPTDEPVAEEPFTFAMELDDLPERLKEKELIFQETARFQPGVLEAP
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



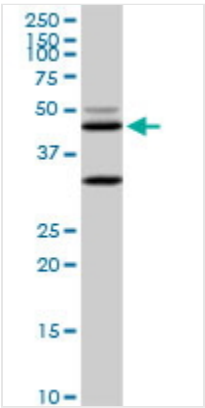
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to MAPK3 on HeLa cell. [antibody concentration 10 ug/ml]



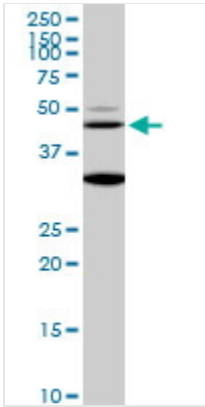
WB (Western Blot)
Western Blot analysis of MAPK3 expression in transfected 293T cell line by MAPK3 monoclonal antibody (M04), clone 1F7. Lane 1: MAPK3 transfected lysate (43.1 KDa). Lane 2: Non-transfected lysate.



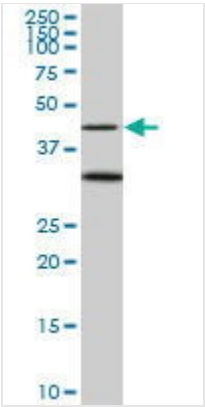
WB (Western Blot)
MAPK3 monoclonal antibody (M04), clone 1F7. Western Blot analysis of MAPK3 expression in Raw 264.7.



WB (Western Blot)
MAPK3 monoclonal antibody (M04), clone 1F7. Western Blot analysis of MAPK3 expression in PC-12.



WB (Western Blot)
MAPK3 monoclonal antibody (M04), clone 1F7. Western Blot analysis of MAPK3 expression in NIH/3T3.



WB (Western Blot)
MAPK3 monoclonal antibody (M04), clone 1F7. Western Blot analysis of MAPK3 expression in Hela S3 NE (Cat # L013V3).

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK3 antibody

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559271
NCBI GeneID	5595
NCBI Official Full Name	Mitogen-activated protein kinase 3
NCBI Official Synonym Full Names	mitogen-activated protein kinase 3
NCBI Official Symbol	MAPK3
NCBI Official Synonym Symbols	ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK
NCBI Protein Information	mitogen-activated protein kinase 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mapk3-antibody-clone-1f7-immunofluorescence-western-blot-elisa/26664>