

Mouse anti-Human ERK7 Monoclonal Antibody | anti-ERK7 antibody

Anti-ERK7 Antibody

CATALOG # AAA266095	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ERK7; Monoclonal Antibody; Anti-ERK7 Antibody; anti-ERK7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of ERK7 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ERK7 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ERK7. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ERK7 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ERK7 expression in MCF7 (A) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 59 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ERK7 antibody	Mouse monoclonal antibody to ERK7
Product Categories/Family for anti-ERK7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	95147356
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NCBI GeneID	225689
NCBI Accession #	NP_620590.2
NCBI GenBank Nucleotide #	NM_139021.2
UniProt Accession #	Q8TD08 ; Q2TCF9 ; Q8N362
Molecular Weight	59,832 Da
NCBI Official Full Name	mitogen-activated protein kinase 15
NCBI Official Synonym Full Names	mitogen-activated protein kinase 15
NCBI Official Symbol	MAPK15
NCBI Official Synonym Symbols	ERK7; ERK8
NCBI Protein Information	mitogen-activated protein kinase 15; ERK-7; ERK-8; MAPK 15; MAP kinase 15; extracellular regulated kinase 8 delta; extracellular signal regulated kinase 8; extracellular signal-regulated kinase 7; extracellular signal-regulated kinase 8
UniProt Protein Name	Mitogen-activated protein kinase 15
UniProt Gene Name	MAPK15
UniProt Synonym Gene Names	ERK7; ERK8; MAP kinase 15; MAPK 15; ERK-7; ERK-8
UniProt Entry Name	MK15_HUMAN

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/erk7-antibody-immunochemistry-immunofluorescence-western-blot-elisa/266095>