

ERK 1/2 ELISA Kit | ERK1/2 elisa kit

ERK 1/2 (Phospho-Tyr222/205) Colorimetric Cell-Based ELISA Kit

CATALOG #
AAA319227

REACTIVITY
Human, Mouse, Rat

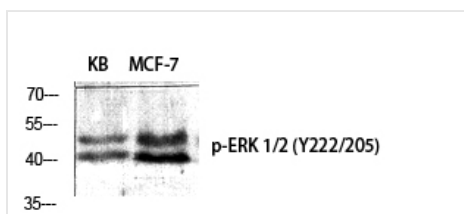
PRODUCT SYNONYMS

ERK 1/2; ERK 1/2 (Phospho-Tyr222/205) Colorimetric Cell-Based ELISA Kit; ERK 1/2 (Phospho-Tyr222/205) Cell-Based ELISA Kit; MAPK1; ERK2; PRKM1; PRKM2; Mitogen-activated protein kinase 1; MAP kinase 1; MAPK 1; ERT1; Extracellular signal-regulated kinase 2; ERK-2; MAP kinase isoform p42; p42-MAPK; Mitogen-activated protein kinase 2; MAP kinase 2; MAPK 2; MAPK3; ER; ERK1/2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Form/Format	Two 96-Well Plates
Assay Type	Cell-Based ELISA
Samples	Researchers plate their cell line of choice
Detection Range	At least 5000 cells/well
Detection Method	Colorimetric 450 nm
Preparation and Storage	4 degree C/6 Months

IMAGES



WB (Western Blot)

Western Blot analysis of various cells using Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody diluted at 1:500

ADDITIONAL INFORMATION

Related Product Information for ERK1/2 elisa kit

The ERK 1/2 (Phospho-Tyr222/205) Colorimetric Cell-Based ELISA Kit is a convenient, lysate-free, high throughput and sensitive assay kit that can detect ERK 1/2 (Phospho-Tyr222/205) protein expression profile in cells. The kit can be used for measuring the relative amounts of ERK 1/2 (Phospho-Tyr222/205) in cultured cells as well as screening for the effects that various treatments, inhibitors (ie siRNA or chemicals), or activators have on ERK 1/2 (Phospho-Tyr222/205).

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932916
NCBI GeneID	5594
NCBI Accession #	NP_002736.3

NCBI GenBank Nucleotide #	NM_002745.4
UniProt Accession #	P28482 ; P27361
Molecular Weight	41,390 Da
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK; p38; p40; p41; ERK2; ERT1; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk
NCBI Protein Information	mitogen-activated protein kinase 1; ERK-2; MAPK 2; p42-MAPK; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; protein tyrosine kinase ERK2; mitogen-activated protein kinase 2; extracellular signal-regulated kinase 2
UniProt Protein Name	Mitogen-activated protein kinase 1
UniProt Gene Name	MAPK1
UniProt Synonym Gene Names	ERK2; PRKM1; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_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/erk1-2-human-mouse-rat-elisa-kits/erk-1-2/319227>