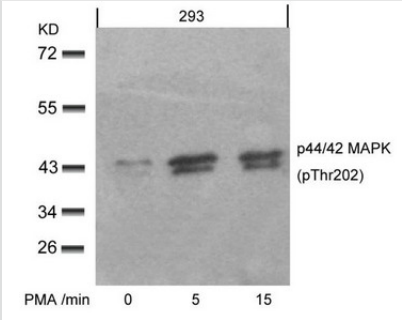
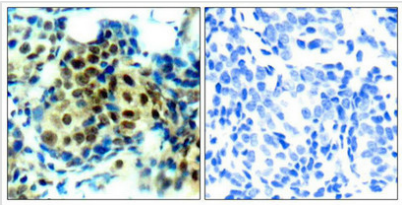
Phospho-MAPK3 (Thr202) Antibody

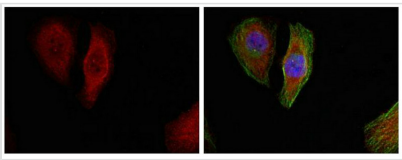
Product Code	CSB-PA245959
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P27361
Immunogen	Peptide sequence around phosphorylation site of threonine 202 (F-L-T(p)-E-Y) derived from Human p44/42 MAP Kinase.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of p44/42 MAP Kinase only when phosphorylated at threonine 202.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 TETE HANNKEN, et al. (2000) Am Soc Nephrol 11:1387-1397 Omar D. PerezNature et al. (2002) Biotechnology 20: 155 - 162 Jingui Yu, et al. (2005) Anesth Analg 101: 315-321 Hironobu Ihn et al.(2000) Immunology 165: 2149-2155
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Clonality	Polyclonal
Alias	ERK; ERT2; Extracellular signal- regulated kinase 1; Insulin-stimulated MAP2 kinase; MAP kinase 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAPK3
Image	



Western blot analysis of extracts from 293 cells untreated or treated with PMA for the indicated times, using p44/42 MAP Kinase(Phospho-Thr202) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p44/42 MAP Kinase (Phospho-Thr202) Antibody (left) or the same antibody preincubated with blocking peptide (right).



Immunofluorescence staining of methanol-fixed Hela cells showing cytoplasmic, nuclear staining using p44/42 MAP Kinase (Phospho-Thr202) Antibody.

Product Modify Phospho-Thr202