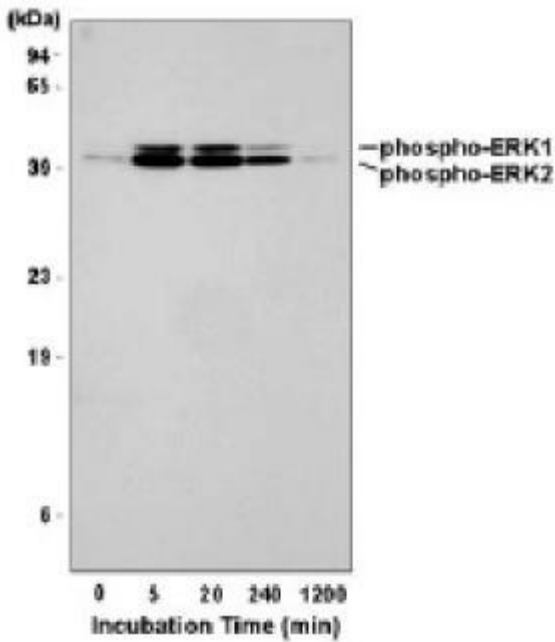

Product name:	Phospho-ERK1/ERK2 (p44/p42 MAPK) (T202/Y204)
Cat number:	AB-10762-A
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Peptide derived from the protein area including conserved pT-E-pY motif of activated Erk 1,2
Reactivity:	Hu, Ms, Rt
Applications:	Western blotting: 1:2000 Immunohistochemistry: 1:100-500 Immunofluorescence: 1:100-500 Immunoprecipitation: to be determined Immunocytochemistry: 1:100 Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator. Recognizes ERK1 and ERK2 dually phosphorylated at T202/Y204 and T185/Y187, respectively.
Form:	liquid
Buffer:	Western immunoblotting solutions: - Wash buffer: 1x Tris Buffered Saline (TBS); 0.1% Triton X 100 - Blocking buffer: 1xTBS; 0.1% Triton X-100; 5% BSA (used with the primary antibody)
Storage:	The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.



Detection of ERK1 and ERK2 phosphorylated at T202/Y204 and T185/Y187, respectively. Human HeLa cells were incubated with 200 nM PMA for the indicated times. Total cell lysates in gel sample buffer were resolved by SDS-PAGE, transferred to Immobilon membrane and Immunoblotted with 0.5 μ g/ml antiphosphoERK1/2. phosphoERK1/2