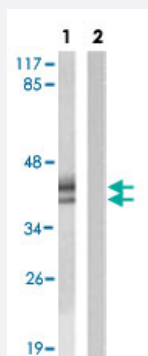


ERK1/2 (phospho T202/Y204) polyclonal antibody

Catalog # PAB16949

Size 100 ug

Applications

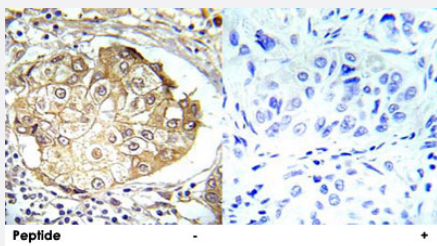


Western Blot (Cell lysate)

Western blot analysis of extracts from Jurkat cells treated with PMA.

Lane 1 : Using ERK1/2 (phospho T202/Y204) polyclonal antibody (Cat # PAB16949).

Lane 2 : Using the same antibody preincubated with synthesized peptide.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ERK1/2 (phospho T202/Y204) polyclonal antibody (Cat # PAB16949).

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of ERK1/2.

Immunogen

Synthetic phosphopeptide corresponding to residues surrounding T202/Y204 of human ERK1/2.

Host

Rabbit

Reactivity

Human, Mouse, Rat

Specificity

This antibody detects endogenous levels of ERK1/2 only when phosphorylated at Thr202/Tyr204.

Form

Liquid

Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM PBS, 0.15 M NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Differential regulation of MAP kinase signalling by dual-specificity protein phosphatases.](#)

Owens DM, Keyse SM.

Oncogene 2007 May; 26(22):3203.

- [Targeting the Raf-MEK-ERK mitogen-activated protein kinase cascade for the treatment of cancer.](#)

Roberts PJ, Der CJ.

Oncogene 2007 May; 26(22):3291.

Application: WB-Tr, Human, Mammalian cells

- [Identification of regulatory phosphorylation sites in mitogen-activated protein kinase \(MAPK\)-activated protein kinase-1a/p90rsk that are inducible by MAPK.](#)

Dalby KN, Morrice N, Caudwell FB, Avruch J, Cohen P.

The Journal of Biological Chemistry 1998 Jan; 273(3):1496.