
phospho-ERK1 (Thr202)+ ERK2 (Thr185) Recombinant Rabbit mAb

Catalog Number: bsm-54491R

Target Protein: phospho-ERK1 (Thr202)+ ERK2 (Thr185)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 6H2

Isotype: IgG

Applications: **WB** (1:500-2000), **IHC-P** (1:50-200), **IHC-F** (1:50-200), **IF** (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 41 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 5594

Swiss Prot: P27361

Source: A synthesized peptide derived from human ERK1 around the phosphorylation site of T202: FL-pT-EY.

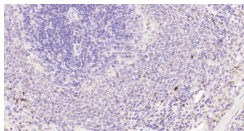
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

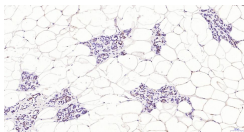
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the MAPkinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq, Jul 2008].

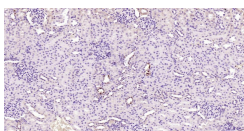
VALIDATION IMAGES



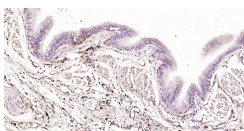
Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



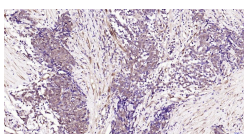
Paraformaldehyde-fixed, paraffin embedded Rat Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



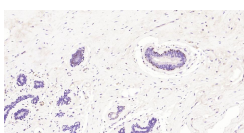
Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Thyroid Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with phospho-ERK1 (Thr202)+ ERK2 (Thr185) Monoclonal Antibody, Unconjugated(bsm-54491R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.6] Myeongjoo Son. et al. Olive Flounder By-Product Prozyme2000P Hydrolysate Ameliorates Age-Related Kidney Decline by Inhibiting Ferroptosis. INT J MOL SCI. 2024 Jan;25(9):4668 WB ; Mouse . 38731887