

Anti-ERK1(T207)/ERK2(T188) [conserved], Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:EP4101)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MAPK1/2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-ERK2 (Thr-188) synthetic peptide (coupled to carrier protein) corresponds to amino acids surrounding Thr-188 in mouse ERK2. This sequence is conserved in human, rat, chicken, and fish ERK2, and is highly conserved in ERK1 (Thr-207), ERK5 (Thr-224), and ERK7 (Thr-180).
Specificity	The antibody detects 42 and 44 kDa* proteins corresponding to ERK1 (Thr-207) and ERK2 (Thr-188) on SDS-PAGE immunoblots of human A431 epithelial cells stimulated with calyculin A. It does not detect these ERK proteins in control cells or in blots treated with lambda phosphatase.
Molecular Weight	42/44
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID [P63085](#)

Country of Origin United States

Shipping Blue Ice

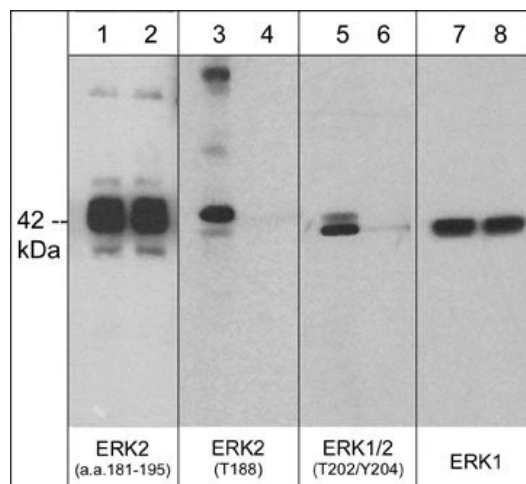
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Thr-188

Product Images



Product Page URL: www.antibodiesinc.com/products/anti-erk1t207-erk2t188-conserved-phosphospecific-antibody-ep4101



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