BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-Erk 1/2 Rabbit Monoclonal Antibody

**Catalog Number:** M00030-3

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## Overview

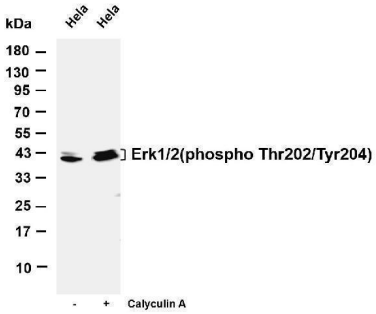
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|---|---|
| Product Name | Anti-Erk 1/2 Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | The antibody detects endogenous levels of p44 and p42 MAP Kinase (Erk1 and Erk2) when dually phosphorylated at Thr202 and Tyr204 of Erk1 (Thr185 and Tyr187 of Erk2), and singly phosphorylated at Thr202. Validated for research with WB,IF,IP,ELISA applications. Anti ERK1/2 is reactive for Human, Mouse, Rat samples |
| Application | ELISA, IP, IF, WB |
| Clonality | Monoclonal |
| Formulation | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% stabilizing protein<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C/1 year |
| Host | Rabbit |
| Uniprot ID | P27361;P28482 |

## Technical Details

| | |
|---|---|
| Isotype | IgG, Kappa |
| Purification | Protein A |
| Suggested Dilutions | WB 1:2000-1:10000<br>IF 1:200-1:1000<br>ELISA 1:5000-1:20000<br>IP 1:50-1:200 |

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# Anti-Erk 1/2 Rabbit Monoclonal Antibody (M00030-3) Images




Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Erk1/2(phospho Thr202/Tyr204) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: HeLa was starved of serum for 24 hours and then treated with 20% fetal bovine serum for 15 minutes, followed by Calyculin A treatment for 15 minutes Predicted band size: 44,42kDa Observed band size: 44,42kDa

Anti-Erk 1/2 Rabbit Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.