

Nur für Forschungszwecke

# ERK1/2 Polyklonaler Antikörper

Katalog-Nr.:CL488-51068



## Allgemeine Informationen

**Katalog-Nr.:**

CL488-51068

**Größe:**

100ul, Konzentration: 1000 µg/ml von5594

**Nanodrop:**

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**GenBank-Zugangsnummer:**

BC017832

**GeneID (NCBI):**

von5594

**Vollständiger Name:**

mitogen-activated protein kinase 1

**Berechnete Masse:**

360 aa, 41 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Anregungs-/Emissionsmaxima-**

**Wellenlängen:**

493 nm / 522 nm

## Anwendungen

**Geprüfte Anwendungen:**

FC (Intra)

**Getestete Reaktivität:**

Human, Maus, Ratte

## Hintergrundinformationen

ERK1 and ERK2 belongs to the protein kinase superfamily. It is involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. ERK1/2 catalized the reaction: ATP + a protein = ADP + a phosphoprotein. It is activated by tyrosine phosphorylation in response to INS and NGF. This antibody can recognize both ERK1 and ERK2 with the molecular mass of 38-44 kDa.

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

**Lagerungspuffer:**

BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

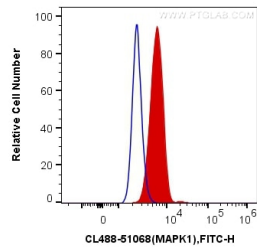
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ERK1/2 (CL488-51068) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).