

Code No. 10359

**Anti-Human  
ERK (Clone 5) Mouse IgG MoAb**Volume : 100 µg

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**Introduction** : The cell signaling molecules in Mitogen-Activated Protein (MAP) kinase family are playing the central role in the cell response. Extracellular Signal-Regulated Kinase (ERK), c-jun amino-terminal kinase (JNK), and p38 are well known molecules in the family. ERK is a well investigated kinase in this family, and an important kinase functioning in situation to determine the fate of the cell such as cell proliferation or differentiation, etc. This product reacts to ERK1 and ERK2.

**Antigen** : Recombinant Human ERK1

**Source** : Mouse-Mouse hybridoma (ascites)  
(NS-1 × ddY mouse spleen cells)

**Clone** : Clone 5      **Subclass** : IgG<sub>1</sub>, κ

**Purification** : Purified with Protein A

**Form** : Lyophilized product from 1% BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use** : 1.0 mL deionized water will be added to the product, then its concentration comes to 100 µg/mL.

**Stability** : Lyophilized product, 5 years at 2 – 8 °C  
: Solution, 2 years at –20 °C

**Application** : This antibody can be used for western blotting in concentration 1 - 5 µg/mL.

**Specificity** : Reacts with ERK1 and ERK2

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