

ERK1/2 Mouse Monoclonal Ab

Cat.#: BF8163
Size: 100ul

Concn.: ~1mg/ml
Source: Mouse

Mol.Wt.: 44kDa,42kDa
Clonality: Monoclonal

Application: WB 1:1000-1:5000
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: A synthesized peptide derived from human ERK1/2, corresponding to a region within the internal amino acids.

Uniprot: P27361/P28482

Description: p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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