

ERK1/2 (1H4) Mouse mAb

Cat No: HR1AM2437

For research use only

Overview

| Product Name | ERK1/2 (1H4) Mouse mAb |
|--------------------------|---|
| Source | Mouse |
| Applications | WB, IHC |
| Species Reactivity | Human,Rat,Mouse |
| Recommended Dilutions | WB 1:1,000-2,000 IHC 1:100-200 |
| Immunogen | |
| Species | Mouse |
| Storage | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Isotype | lgG1 |
| Clonality | Monoclonal |
| Concentration | 1mg/ml |
| Observed band | 44,42kDakDa |
| GeneID?Human? | 5594/5595 |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | MAPK, Mitogen-activated protein Kinase, PRKM2,MK01 |
| Background | Mitogen-activated protein kinases (MAPKs) are a widely conserved family of serine/threonine protein kinases involved in many cellular programs such as cell proliferation, differentiation, motility, and death. The p44/42 MAPK (Erk1/2) signaling pathway can be activated in response to a diverse range of extracellular stimuli including mitogens, growth factors, and cytokines and is an important target in the diagnosis and treatment of cancer. |