

ERK 1 Monoclonal Antibody

catalog number: E-AB-22245

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

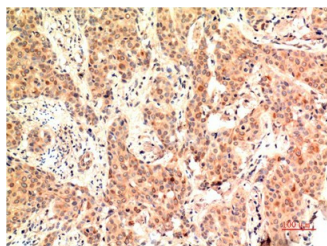
| | |
|---------------------|---|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Protein of ERK1 of MAPK3 |
| Host | Mouse |
| Isotype | IgG |
| Clone | 5E9 |
| Purification | Protein A purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

Applications

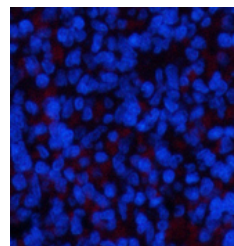
Recommended Dilution

| | |
|------------|-----------|
| IHC | 1:100-200 |
|------------|-----------|

Data



Immunohistochemistry of paraffin-embedded Human breast carcinoma tissue using ERK 1 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat spleen tissue using ERK 1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

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. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).