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**bs-1020R-PE-Cy3**

- ## Rabbit Anti-ERK1/MAPK3 Polyclonal Antibody, PE-Cy3 conjugated

Conjugated Primary Antibodies

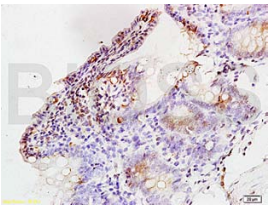
**Background:**
Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1. Phosphorylates heat shock factor protein 4(HSF4) (By similarity). Highest levels within the nervous system, expressed in different tissues, mostly in intestine, placenta and lung. Increased expression during development. Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.

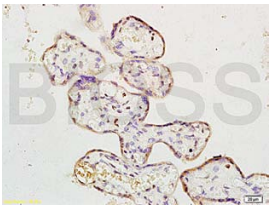
**Purification:** Was purified by Protein A and peptide affinity chromatography.

**Storage:**
Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

**Reconstitution:**
If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.





For full size images and description please click HERE.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

**Reactivities:** Human,Mouse,Rat,

**Application:**

- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 44kDa

**Preservatives:**
10ug/uL BSA and 0.1% NaN3.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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