## Elk1 Monoclonal Antibody

Description

| Product type | Primary Antibody |
| :--- | :--- |
| Code | BT-MCA0472 |
| Host | Mouse |
| Isotype | IgG |
| Size | $50 \mathrm{ul}, 100 \mathrm{ul}$ |
| Immunogen | Purified recombinant fragment of Elk1 expressed in E. Coli. |
| Mol wt | N/A |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | ETS domain-containing protein Elk-1 |
| Synonyms | ELK1; ETS domain-containing protein Elk-1 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14.

## Recommended Dilution

ELISA: 1:10000
IHC: 1:200-1:1000
WB: 1:500-1:2000
Not yet tested in other applications.


## Storage

$-20^{\circ} \mathrm{C}$ for one year

