

# ELK1 (phospho S383) monoclonal antibody, clone B4A12

Catalog # MAB6424

Size 500 ug

## Specification

|                     |   |
|---------------------|---|
| Product Description | Mouse monoclonal antibody raised against synthetic phosphopeptide of ELK1.  |
| Immunogen           | Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S383 of human ELK1.  |
| Host                | Mouse   |
| Reactivity          | Human   |
| Specificity         | Reactive to the immunogen and peptide-BSA conjugating.  |
| Form                | Lyophilized   |
| Isotype             | IgG1, kappa   |
| Recommend Usage     | ELISA (1 ug/mL)<br>The optimal working dilution should be determined by the end user.   |
| Storage Buffer      | Lyophilized from 10 mM PBS, pH 7.0  |
| Storage Instruction | Store at -20°C on dry atmosphere.<br>After reconstitution with deionized water, store at -20°C or lower.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ELK1

Entrez GeneID [2002](#)

Gene Name ELK1

|                    |   |
|--------------------|---|
| Gene Alias         | -   |
| Gene Description   | ELK1, member of ETS oncogene family   |
| Omim ID            | <a href="#">311040</a>  |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| Gene Summary       | <p>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 reponse 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. Alternately spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]</p> |
| Other Designations | ELK1 protein OTTHUMP00000023224 OTTHUMP00000023225  |

## Pathway

- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Prion diseases](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)