

# Product Datasheet

## Elk-1 Antibody (2G6) - Azide and BSA Free H00002002-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002002-M01**

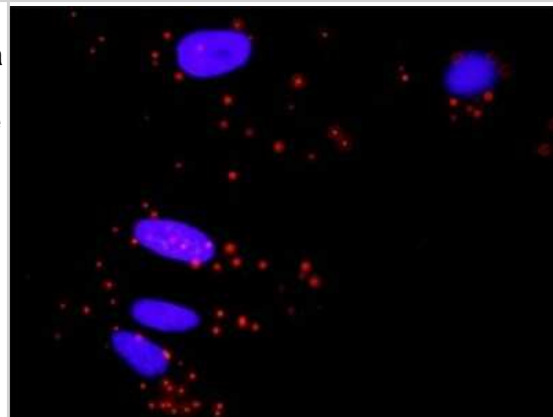
Elk-1 Antibody (2G6) - Azide and BSA Free

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 mg   |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| Clonality                   | Monoclonal   |
| Clone                       | 2G6  |
| Preservative                | No Preservative  |
| Isotype                     | IgG2a Kappa  |
| Purity                      | IgG purified   |
| Buffer                      | In 1x PBS, pH 7.4  |
| Product Description         |  |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.   |
| Host                        | Mouse  |
| Gene ID                     | 2002   |
| Gene Symbol                 | ELK1   |
| Species                     | Human  |
| Specificity/Sensitivity     | ELK1 - ELK1, member of ETS oncogene family   |
| Immunogen                   | ELK1 (NP_005220, 67 a.a. ~ 166 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>YYDKNIIRKVSQKQFVYKFVSYPEVAGCSTEDCPPQPEVSVTSTMPNVAPAAIH<br>AAPGDTVSGKPGTPKGAGMAGPGGLARSSRNEYMRSGLYSTFTIQS |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.   |
| Product Application Details |  |
| Applications                | ELISA, Proximity Ligation Assay, Sandwich ELISA  |
| Recommended Dilutions       | ELISA, Proximity Ligation Assay, Sandwich ELISA  |
| Application Notes           | Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control.  |

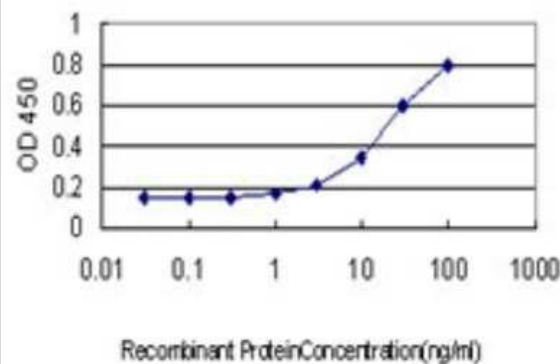


## Images

Proximity Ligation Assay: Elk-1 Antibody (2G6) [H00002002-M01] - Analysis of protein-protein interactions between MAPK3 and ELK1. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-ELK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: Elk-1 Antibody (2G6) [H00002002-M01] - Detection limit for recombinant GST tagged ELK1 is approximately 1ng/ml as a capture antibody.



## Publications

CJ Hu, A Sataur, L Wang et al. The N-terminal transactivation domain confers target gene specificity of hypoxia-inducible factors HIF-1a and HIF-2a. Mol Biol Cell. 2007-11-01 [PMID: 17804822]



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### **Products Related to H00002002-M01**

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|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00002002-Q01-10ug | Recombinant Human Elk-1 GST (N-Term) Protein            |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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