

# Product Datasheet

## c-Fos Antibody (OTI7D6) - Azide and BSA Free NBP2-70764

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-70764**

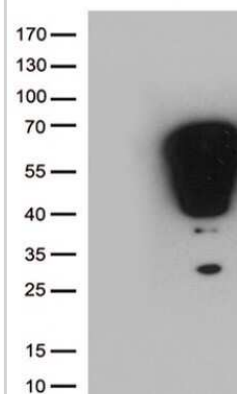
c-Fos Antibody (OTI7D6) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| Clone                       | OTI7D6                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                 |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.                                                                                                                |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                                                                                                                                 |
| Target Molecular Weight     | 40.5 kDa                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                 |
| Description                 | Novus Biologicals Mouse c-Fos Antibody (OTI7D6) - Azide and BSA Free (NBP2-45694) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 2353                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | FOS                                                                                                                                                                                                                                                                                                                                             |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                               |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen                   | This c-Fos Antibody (OTI7D6) was developed against full length human recombinant protein of human FOS (NP_005243) produced in E.coli.                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                         |



## Images

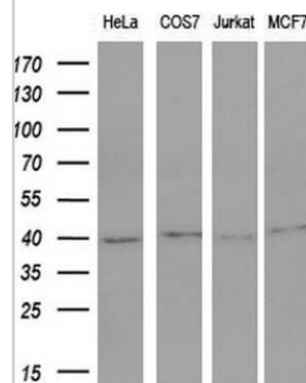
Western Blot: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOS .



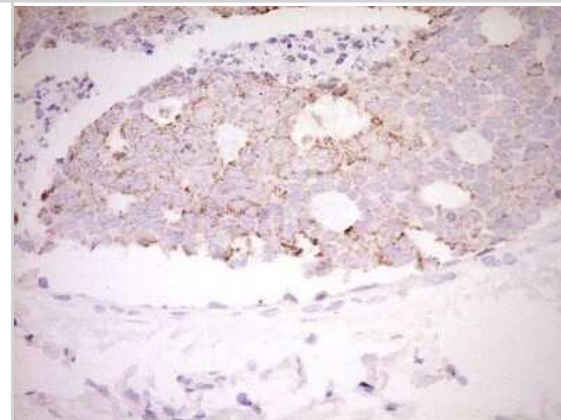
Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



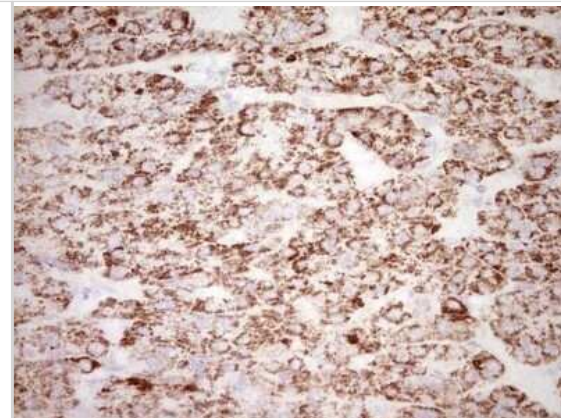
Western Blot: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of extracts (10ug) from 4 different cell lines by using anti-FOS monoclonal antibody (1:200).



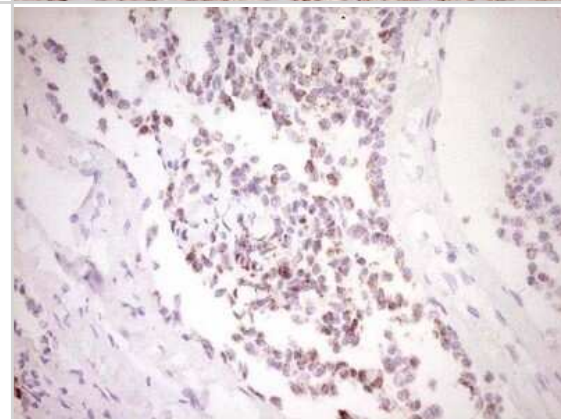
Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Adenocarcinoma of Human breast tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



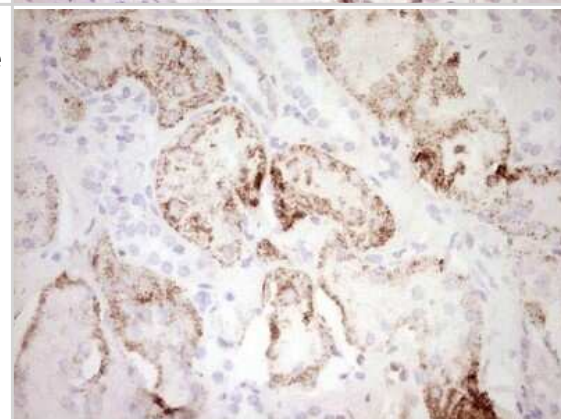
Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



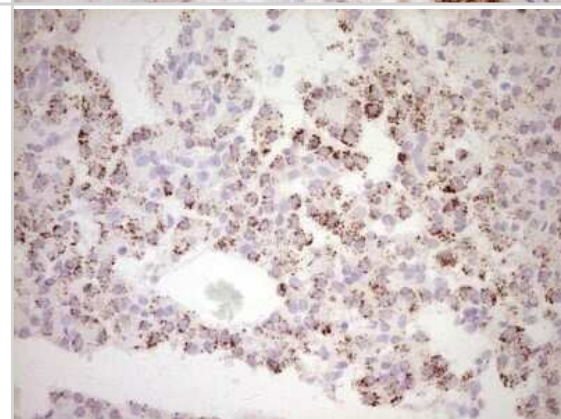
Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemistry: c-Fos Antibody (OTI7D6) - Azide and BSA Free [NBP2-70764] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)





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### **Products Related to NBP2-70764**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg   | Mouse IgG1 Isotype Control (MG1)                        |
| H00002353-P01-10ug | Recombinant Human c-Fos 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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