

# Product Datasheet

## JNK2 Antibody (004) - Azide and BSA Free NBP2-89620-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89620-100ul**

JNK2 Antibody (004) - Azide and BSA Free

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 004                                                                                         |
| <b>Preservative</b>  | No Preservative                                                                             |
| <b>Isotype</b>       | IgG                                                                                         |
| <b>Purity</b>        | Protein A purified                                                                          |
| <b>Buffer</b>        | 0.2 um filtered solution in PBS                                                             |

**Product Description**

|                    |                                                                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                      |
| <b>Gene ID</b>     | 5601                                                                                                                                                                                                                        |
| <b>Gene Symbol</b> | MAPK9                                                                                                                                                                                                                       |
| <b>Species</b>     | Human                                                                                                                                                                                                                       |
| <b>Immunogen</b>   | This antibody was obtained from a rabbit immunized with purified, recombinant Human JNK2 (Accession#: NP_002743.3; Met 1-Arg 424).                                                                                          |

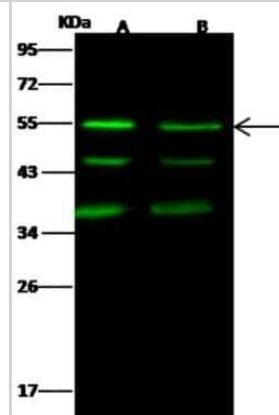
**Product Application Details**

|                              |                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Immunoprecipitation                                                    |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:1000, ELISA 1:25000-1:50000, Immunoprecipitation 0.2-1 uL/mg of lysate |

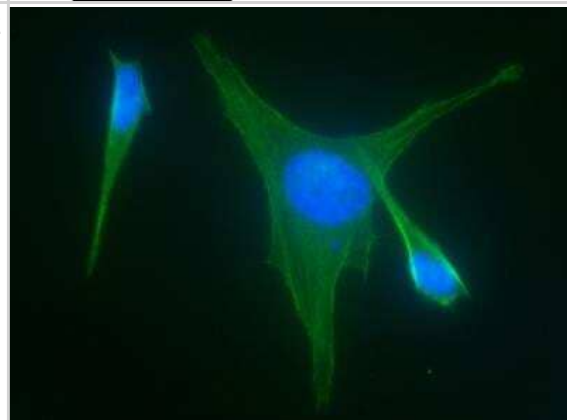


## Images

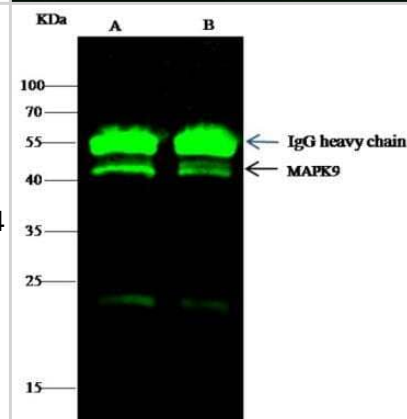
Western Blot: JNK2 Antibody (004) [NBP2-89620] - Lane A: HepG2 Whole Cell Lysate Lane B: A549 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:48 kDa Observed band size:54 kDa (We are unsure as to the identity of these extra bands.)



Immunocytochemistry/Immunofluorescence: JNK2 Antibody (004) [NBP2-89620] - Staining of Human MAPK9 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Rabbit anti-Human MAPK9 monoclonal antibody (1:300) at 37c 1 hour. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm and Nucleus.



Immunoprecipitation: JNK2 Antibody (004) [NBP2-89620] - Lane A:0.5 mg Jurkat Whole Cell Lysate Lane B:0.5 mg A549 Whole Cell Lysate 0.5 uL anti-MAPK9 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-MAPK9 rabbit monoclonal antibody,at 1:1000 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 44 kDa Observed band size: 44 kDa





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### **Products Related to NBP2-89620-100ul**

|                  |                                                     |
|------------------|-----------------------------------------------------|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891       | Rabbit IgG Isotype Control                          |
| NBP1-98883-0.1mg | Recombinant Human JNK2 His Protein                  |

### **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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