

# Product Datasheet

## HSP90 beta Antibody (5G4) - BSA Free NBP2-37590

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP2-37590**

HSP90 beta Antibody (5G4) - BSA Free

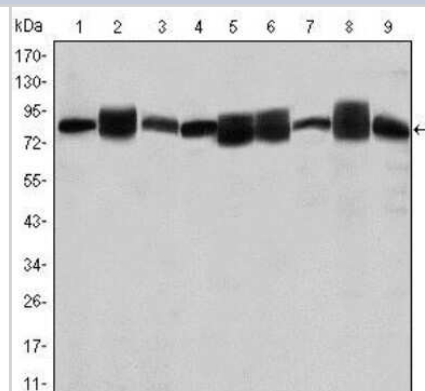
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | This product is unpurified. The exact concentration of antibody is not quantifiable.   |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal   |
| Clone                   | 5G4  |
| Preservative            | 0.03% Sodium Azide   |
| Isotype                 | IgG1   |
| Purity                  | Unpurified   |
| Buffer                  | Ascites  |
| Target Molecular Weight | 84 kDa   |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 3326  |
| Gene Symbol         | HSP90AB1  |
| Species             | Human, Mouse, Rat, Primate, Monkey  |
| 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           | Purified recombinant fragment of human HSP90 beta expressed in E. Coli.   |

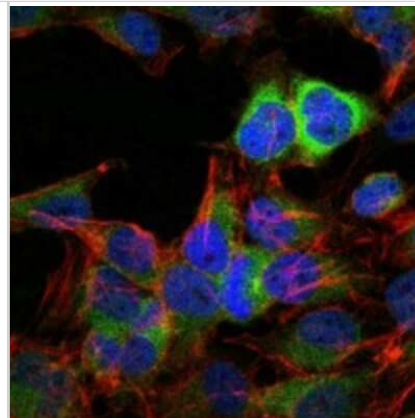
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000 |

**Images**

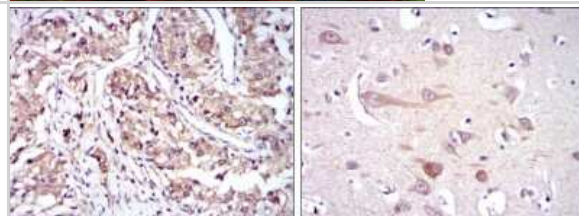
Western Blot: HSP90 beta Antibody (5G4) [NBP2-37590] - Analysis using HSP90AB1 mouse mAb against Jurkat (1), A431 (2), Hela (3), A549 (4), HEK293 (5), K562 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



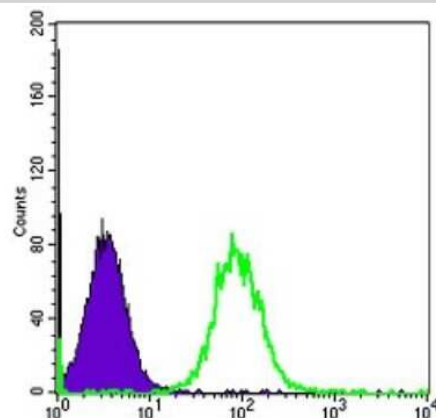
**Immunocytochemistry/Immunofluorescence:** HSP90 beta Antibody (5G4) [NBP2-37590] - Analysis of Hela cells using HSP90AB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



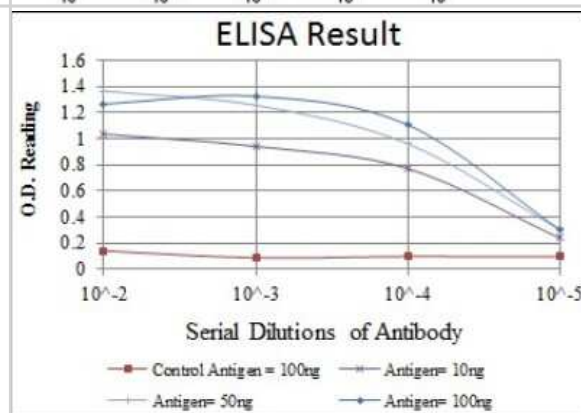
**Immunohistochemistry-Paraffin:** HSP90 beta Antibody (5G4) [NBP2-37590] - Analysis of paraffin-embedded kidney cancer tissues (left) and brain tissues (right) using HSP90AB1 mouse mAb with DAB staining.



**Flow Cytometry:** HSP90 beta Antibody (5G4) [NBP2-37590] - Analysis of Hela cells using HSP90AB1 mouse mAb (green) and negative control (purple).



**ELISA:** HSP90 beta Antibody (5G4) [NBP2-37590] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Marwarha G, Slagsvold KH, Høydal MA NF- $\kappa$ B Transcriptional Activity Indispensably Mediates Hypoxia-Reoxygenation Stress-Induced microRNA-210 Expression International journal of molecular sciences 2023-04-01 [PMID: 37047592] (ELISA)



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### **Products Related to NBP2-37590**

|                  |   |
|------------------|---|
| 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)                        |
| NBP1-77563PEP    | HSP90 beta Antibody Blocking Peptide                    |

### **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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