

Product Datasheet

JNK1 Antibody (1E5) - BSA Free NBP2-22209

Unit Size: 0.1 ml

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

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NBP2-22209

JNK1 Antibody (1E5) - BSA Free

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1E5 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS |
| Target Molecular Weight | 48.3 kDa |

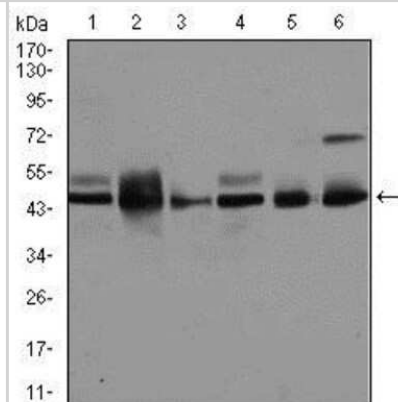
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Mouse JNK1 Antibody (1E5) - BSA Free (NBP2-22209) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-JNK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 5599 |
| Gene Symbol | MAPK8 |
| Species | Human, Mouse |
| 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 JNK1 expressed in E. Coli. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, ELISA, Flow Cytometry, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, CyTOF-ready |
| Application Notes | This antibody is Cytof ready. |

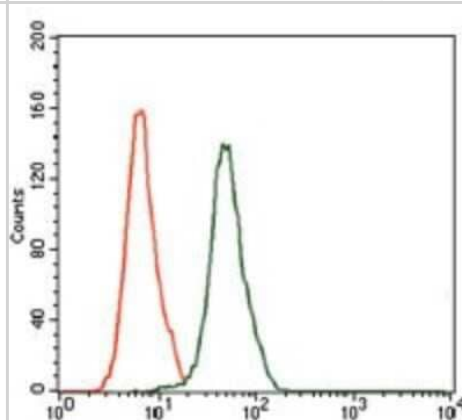


Images

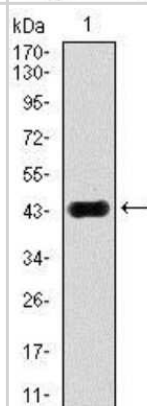
Western Blot: JNK1 Antibody (1E5) [NBP2-22209] - Western blot analysis using JNK1 mouse mAb against A431 (1), K562 (2), HeLa (3), NIH3T3 (4), PC-12 (5), and MCF-7 (6) cell lysate.



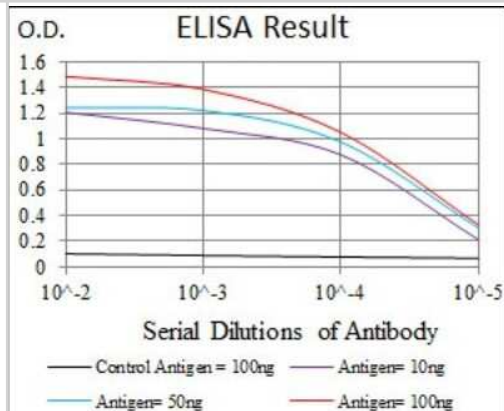
Flow Cytometry: JNK1 Antibody (1E5) [NBP2-22209] - Flow cytometric analysis of HeLa cells using JNK1 mouse mAb (green) and negative control (red).



Western Blot: JNK1 Antibody (1E5) [NBP2-22209] - Western blot analysis using MAPK8 mAb against human JNK1 (AA: 227-380) recombinant protein. (Expected MW is 43.4 kDa)



ELISA: JNK1 Antibody (1E5) [NBP2-22209] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng)



Publications

Sozen E, Demirel-Yalciner T, Sari D, Ozer NK Cholesterol accumulation in hepatocytes mediates IRE1/p38 branch of endoplasmic reticulum stress to promote nonalcoholic steatohepatitis Free radical biology & medicine 2022-08-19 [PMID: 35995397] (ICC/IF, Mouse)

Details:

AML12 cells (mouse hepatocytes)

SOZEN E, DEMIREL-YALCINER T, DAMLA DEMIR D Et al. SREBP1c silencing reduces endoplasmic reticulum stress and related apoptosis in oleic acid induced lipid accumulation Marmara Medical Journal 2021-10-31 (ICC/IF, Mouse)





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Products Related to NBP2-22209

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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