

# Product Datasheet

## Caspase-8 Antibody (FLICE 4-1-20) NB500-208

Unit Size: 0.2 ml

Store at 4C. Do not freeze.

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### Publications: 2

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**NB500-208****Caspase-8 Antibody (FLICE 4-1-20)**

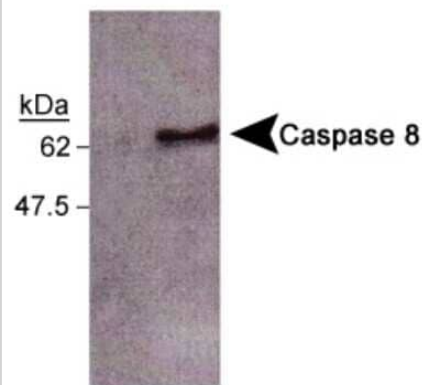
<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FLICE 4-1-20
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	841
<b>Gene Symbol</b>	CASP8
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 29069785).
<b>Immunogen</b>	Full-length recombinant human Caspase 8 [UniProt# Q14790]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:1000
<b>Application Notes</b>	This Caspase 8 (FLICE 4-1-20) antibody is useful for Western Blot where a band is seen at 55 kDa representing the inactive form of Caspase 8 (see protocol for additional information). We also have reports that the antibody detects the active (pro) form of Caspase 8.

## Images

Western Blot: Caspase-8 Antibody (FLICE 4-1-20) [NB500-208] - CaSki cells were mock-infected or exposed to each of the indicated viruses (MOI ~ 1 pfu/cell) or 10 uM staurosporine and 4 h pi, cellular lysates were prepared and analyzed by immunoblotting for Caspase-8. Image collected and cropped by CiteAb from the following publication (<https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1006766>) licensed under a CC-BY license.



Western Blot: Caspase 8 Antibody (FLICE 4-1-20) [NB500-208] - Detection of Caspase 8 (59 kDa) from HEK293 cell extract using NB500-208 (1:500). Lanes 1 and 2 contain inactive and active Caspase 8, respectively.



## Publications

Cheshenko N, Pierce C, Herold BC. Herpes simplex viruses activate phospholipid scramblase to redistribute phosphatidylserines and Akt to the outer leaflet of the plasma membrane and promote viral entry PLoS Pathog. 2018-01-01 [PMID: 29293671]

Martin ACBM, Fuzer AM, Becceneri AB et al. [10]-gingerol induces apoptosis and inhibits metastatic dissemination of triple negative breast cancer in vivo. Oncotarget. 2017-09-22 [PMID: 29069785] (WB, Mouse)

## Procedures

### Protocol specific for Caspase 8 Antibody (NB500-208)

Caspase-8 Antibody (FLICE 4-1-20):

Western Protocol

- 1) Run a 10-\*15% SDS polyacrylamide gel, loading ~20 ug of cell extract per lane.
- 2) Transfer the proteins to a membrane.
- 3) Block the membrane in PT-T20 [20 mM Tris-HCl, pH 7.4 / 150 mM NaCl/0.5% Tween 20] + 5% NFDM [non-fat dry milk] , for 3 hour at room temperature (RT), shaking gently.
- 4) Rinse the membrane twice with PT-T20.
- 5) Incubate the membrane in anti-Caspase 8 [NB 500-208], diluted 1:500-1:1,000 in PT-T20 + 5% NFDM, for 60 minutes at RT.
- 6) Wash the membrane for 15 minutes, 3 times, in PT-T20 at RT.
- 7) Incubate the membrane in anti-mouse conjugated to HRP (secondary antibody), diluted in PT-T20 + 5% NFDM for 60 minutes at RT.
- 8) Wash the membrane for 15 minutes, 3 times, in PT-T20 at RT.
- 9) Develop membrane in chemiluminescent reagents, as instructed by kit-vendor.

\*Positive control(s): Human kidney 293 cells

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### **Products Related to NB500-208**

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NB800-PC6	293 Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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