Product Datasheet

c-Fos Antibody (14C10)
NBP3-26573-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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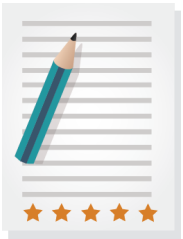
Updated 1/7/2025 v.20.1



NBP3-26573-100ul

c-Fos Antibody (14C10)

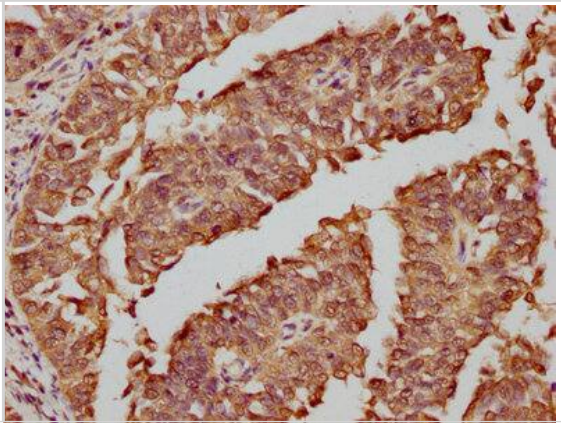
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	14C10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description	
Host	Rabbit
Gene ID	2353
Gene Symbol	FOS
Species	Human, Mouse
Immunogen	A synthesized peptide derived from Human c-Fos [UniProt P01100]

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry, ELISA, Immunohistochemistry 1:50 -1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

Images

Immunohistochemistry: c-Fos Antibody (14C10) [NBP3-26573] - Image of c-Fos Antibody (14C10) diluted at 1:81 and staining in paraffin-embedded human adrenal gland tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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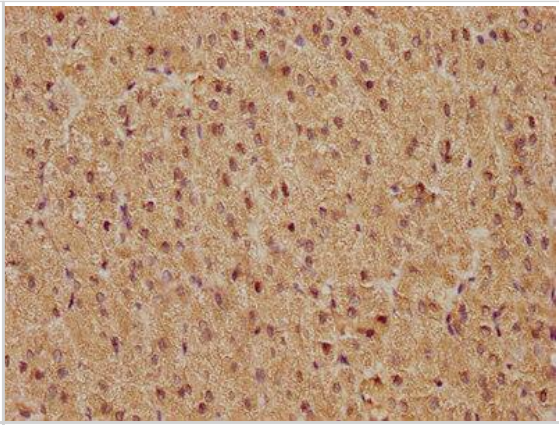
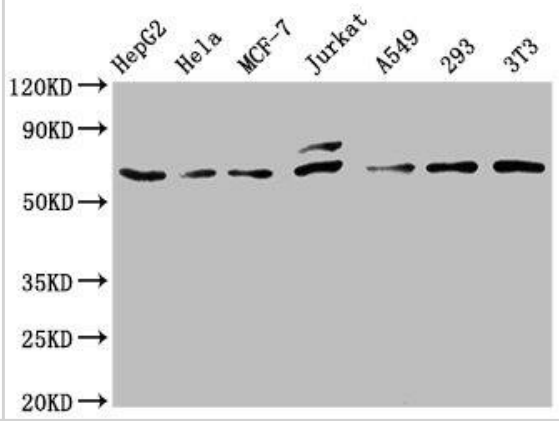
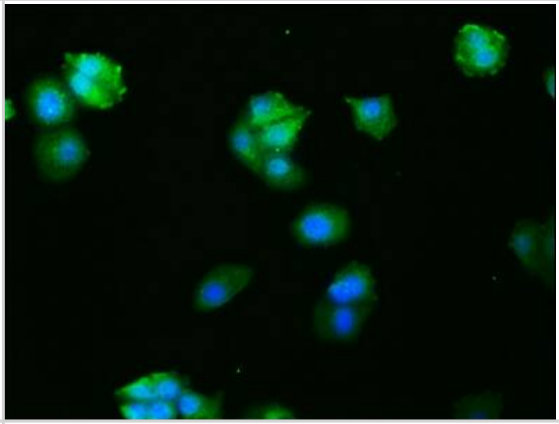


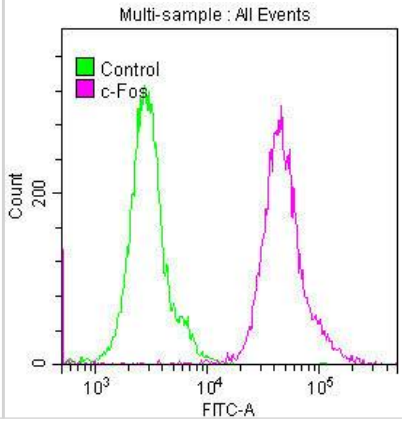
Western Blot: c-Fos Antibody (14C10) [NBP3-26573] - Positive Western Blot detected in: HepG2 whole cell lysate, Hela whole cell lysate, MCF-7 whole cell lysate, Jurkat whole cell lysate, A549 whole cell lysate, 293 whole cell lysate, NIH/3T3 whole cell lysate.
All lanes: c-Fos Antibody at 0.81ug/ml.
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
Predicted band size: 41, 29, 37 KDa
Observed band size: 62 KDa



Immunocytochemistry/Immunofluorescence: c-Fos Antibody (14C10) [NBP3-26573] - Staining of HepG2 cells with c-Fos Antibody (14C10) at 1:27, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: c-Fos Antibody (14C10) [NBP3-26573] - Overlay histogram showing Hela cells stained with c-Fos Antibody (14C10) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.



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Products Related to NBP3-26573-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002353-P01-10ug	Recombinant Human c-Fos GST (N-Term) 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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