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Product datasheet for TA309621

DDIT3 Mouse Monoclonal Antibody [Clone ID: 9C8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9C8
Applications:	ChIP, ELISA, FC, ICC/IF, IHC, IP, Simple Western, WB
Recommended Dilution:	Flow Cytometry, Immunoprecipitation: 1:10 - 1:500, Immunohistochemistry: 1:100, Immunocytochemistry/ Immunofluorescence: 1:100, Western Blot, Immunohistochemistry-Paraffin: 1:100, Gel Super Shift Assays, Simple Western: 1:250, Chromatin Immunoprecipitation (ChIP), ELISA, Knockdown Validated
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Full length mouse CHOP/GADD153 [Swiss-Prot# P35639]
Formulation:	Tris-glycine, 150mM NaCl and 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	DNA damage inducible transcript 3
Database Link:	NP_004074 Entrez Gene 13198 MouseEntrez Gene 1649 Human P35638
Synonyms:	CEBPZ; CHOP; CHOP-10; CHOP10; GADD153
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	MAPK signaling pathway

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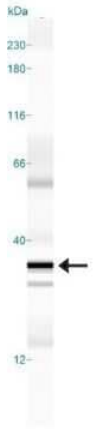
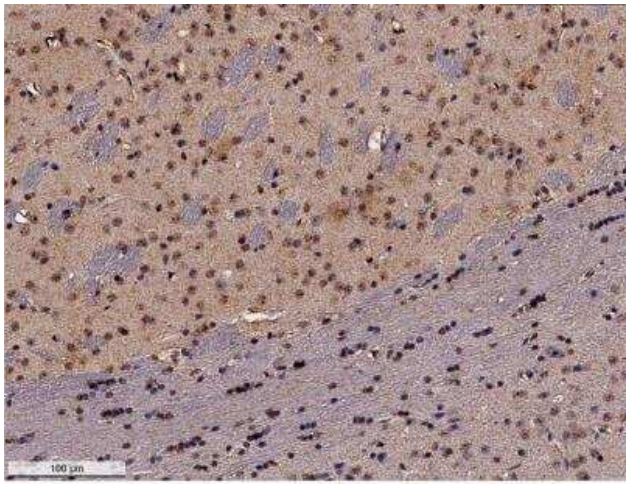
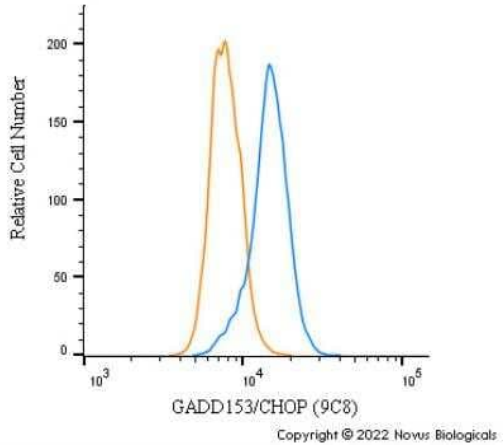
Product images:



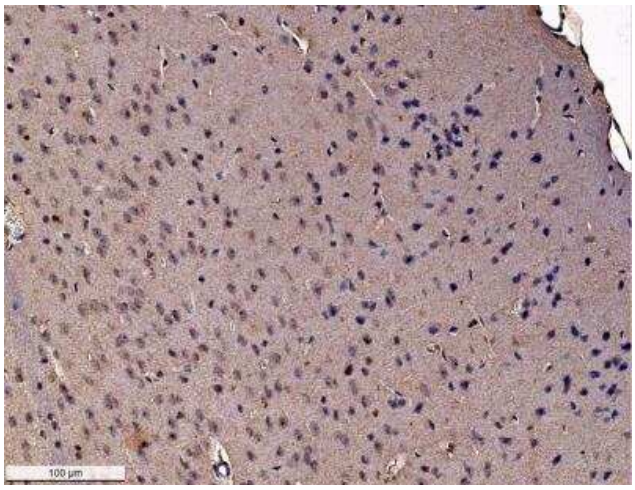
Simple Western: GADD153/CHOP Antibody (9C8) TA309621 - Image shows a specific band for CHOP/GADD153 in 1.0 mg/mL of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Immunohistochemistry-Paraffin: GADD153/CHOP Antibody (9C8) TA309621 - FFPE tissue section of mouse brain using 1:100 dilution of GADD153/CHOP antibody. The signal was developed using HRP-DAB based detection method which followed counterstaining of the nuclei with hematoxylin. The antibody generated a cytoplasmic and nuclear staining of CHOP in various cell types in the tested section.



Flow Cytometry: GADD153/CHOP Antibody (9C8) TA309621 - An intracellular stain was performed on SK-MEL-28 cells with GADD153/CHOP Antibody (9C8) TA309621 (blue) and a matched isotype control MAB004 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (84540, Thermo Fisher).



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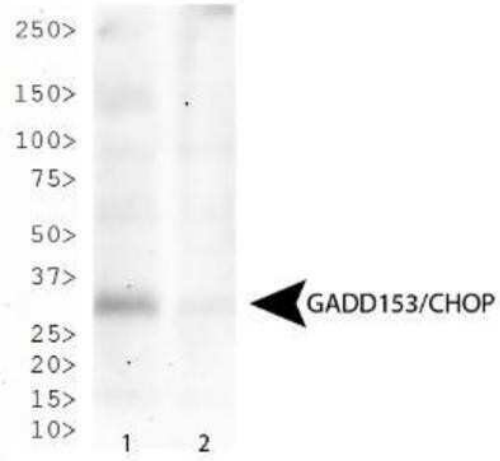
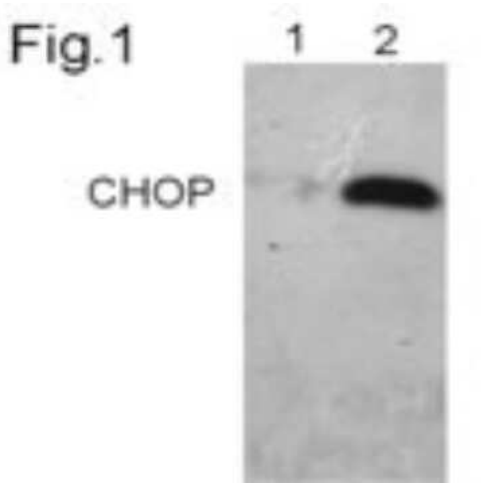


Western Blot: GADD153/CHOP Antibody (9C8) TA309621 - GADD153/CHOP expression in HeLa cells treated with 2.5 ug/mL tunicamycin for 4 hours (Lane 1) and untreated (Lane 2).



Western Blot: GADD153/CHOP Antibody (9C8) TA309621 - Analysis of endogenous CHOP/GADD153 from primary human fibroblasts using TA309621. Lane 1: Untreated cells, Lane 2: Cells treated with tunicamycin for 10 hours.