CHOP monoclonal antibody (9C8)

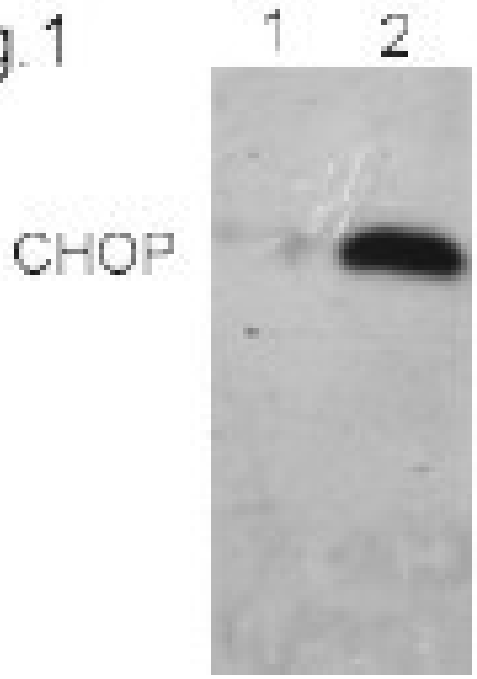
CHOP is a small nuclear protein that is capable of dimerizing with transcription factors C/EBP α and β. Once dimerized, this complex inhibits the normal binding and function of C/EBP to classical binding sites. Inversely, the C/EBP-CHOP dimer gains binding activity to other non-classical C/EBP stress related targets.
Under normal cellular conditions this protein is not expressed in detectable levels, but is highly unregulated during times of cellular/ER stress. Examples of CHOP inducing stress include: treatment with tunicamycin, nutrient starvation and reducing agents that interfere with the calcium flux across the ER membrane.

This antibody is covered by our Worry-Free Guarantee.

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Manuals, SDS & CofA View Online »

Fig.1



Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	C/EBP homology protein, Growth arrest and DNA damage inducible protein 153, GADD153
Application	ICC, IP, WB
Application Notes	Detects a band of ~31kDa by Western blot.
Clone	9C8
Formulation	Liquid. In PBS containing 1mg/ml BSA and 0.05% sodium azide.
Host	Mouse
Immunogen	Recombinant mouse CHOP (C/EBP homology protein).
Isotype	IgG2b
Recommendation Dilutions/Conditions	Western Blot (1µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse
Specificity	Recognizes an N-terminal epitope.
UniProt ID	P35639
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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