Glutathione monoclonal antibody (D8)

Glutathione, a major intracellular non-protein thiol, protects against free radical damage by providing reducing equivalents for several key antioxidant enzymes. In addition, glutathione acts as a scavenger of hydroxyl radicals and nascent oxygen. Elevated glutathione levels are associated with a reduced rate of illness, higher levels of self-rated health, lower cholesterol, lower body mass index, and lower blood pressure among the elderly. Glutathione provides a primary defense system for the removal of oxidants in the brain. Studies have revealed a correlation between low glutathione levels and damage to neurons that manufacture dopamine, suggesting a link to Parkinson's disease.

This antibody is covered by our Worry-Free Guarantee.

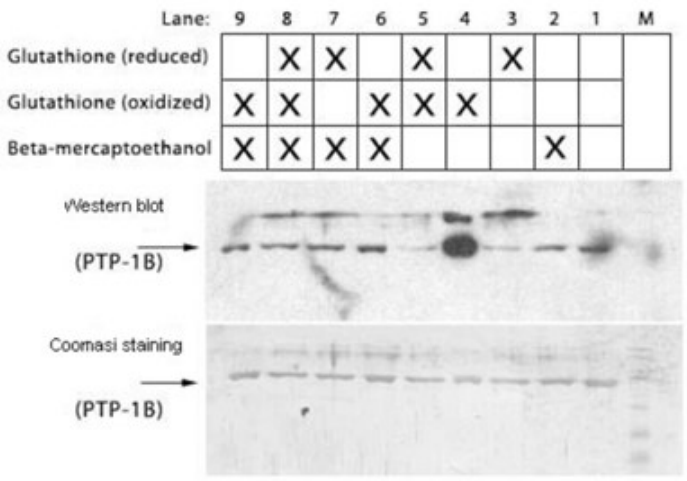
Ordering Information

Order Online »

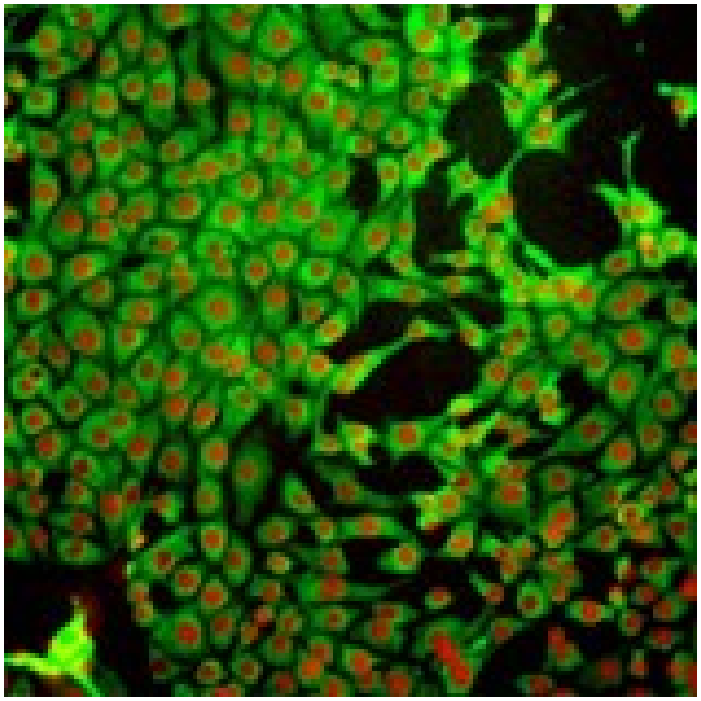
ADI-SPA-542-E	100µg

Manuals, SDS & CofA

View Online »



Western blot analysis of Detection of protein-glutathione addicts on Western blot under non-reducing conditions. PTP-1B, phosphotyrosine phosphatase 1B.



Immunofluorescent analysis of HeLa cells with Glutathione mAb, clone D8, at 1:100 dilution. Red is DAPI nuclear stain.

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Application	ELISA, IP, WB
Clone	D8
Formulation	Liquid. In PBS, pH 7.2, containing 0.01% sodium azide.
Host	Mouse
Isotype	IgG2a
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, non-reducing)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Species independent
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

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