DMPO | DMPO nitrone adduct (clone N1664A)

CD BioSciences
Plant Protein

Cat *PA01518*

Size *100 µl*

Host
Mouse

Clonality
Monoclonal

Confirmed reactivity
DMPO (species independent)

Immunogen
5,5-dimethyl-2-(8-octanoic acid)-1-pyrrolone-N-oxide conjugated to ovalbumin

Host
Mouse

Clonality
Monoclonal

Purity
Total IgG. Protein G purified.

Format
Liquid

Storage
Store at -20°C for one year, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application
ELISA (ELISA), Immunocytochemistry (ICC), Immuno-spin trapping (IT), Immunoprecipitation (IP), Western blot (WB)

Recommended dilution
1-10 µg/ml (ELISA), 10 µg/ml (ICC), 25 µg (IP), 1-10 µg/ml (WB)

Expected | apparent MW
90 kDa

Confirmed reactivity
DMPO (species independent)

Predicted reactivity
DMPO (species independent)

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

Additional information
Antibody is purified on Protein G and present in TBS pH 7.4 with 0.05 % sodium azide as preservative and 50 %

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

DMPO | DMPO nitrone adduct (clone N1664A)

CD BioSciences
Plant Protein

Cat *PA01518*

Size *100 µl*

glycerol. DMPO antibody in dilution of 1: 1000 is sufficient to detect the DMPO nitrone adducts of metmyoglobin when loaded at 100 ng/lane by colormetric immunoblot analysis using goat anti-mouse IgG HRP conjugated secondary antibody.,Important note for immunoprecipitation: do not link antibody to matrix prior to use as this causes large loss of reactivity to DMPO adduct

Description

DMPO(5, 5-dimethyl-1-proline n-oxide) is a compound used for spin capture. It is an analytical technique used in chemistry to detect and identify short lived free radicals. DMPO adducts can be formed by proteins and DNA free radicals.

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/