Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS11 1632

DMPO | DMPO nitrone adduct (clone N1664A)

Product information

Immunogen	5,5-dimethyl-2-(8-octanoic acid)-1-pyrrolone-N-oxide conjugated to ovalbumin
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	Total IgG. Protein G purified.
Format	Liquid
Quantity	100 µl
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.
Additional information	Antibody is purified on Protein G and present in TBS pH 7.4 with 0.05 % sodium azide as preservative and 50 % glycerol. DMPO antibody in dilution of 1: 1000 was 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.

Application information

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	Important note for immunoprecipitation: do not link antibody to matrix prior to use as this causes large loss of reactivity to DMPO adduct
Selected references	Chatterjee et al. (2009). Immuno-spin trapping of a post-translational carboxypeptidase B1 radical formed by a dual role of xanthine oxidase and endothelial nitric oxide synthase in acute septic mice. Free Radic. Med. and Biol. 46:454-461.