

TECHNICAL DATA SHEET**Catalog # MS620****MitoProfile® Mitochondrial Integrity WB Antibody Cocktail**

Rev.4

LOT #:

COMPONENTS: 255 µg monoclonal antibody

Antigen	Clone ID	Amount (µg)	Working conc. (µg/mL)	Immunogen
Porin	20B12AF2	50	2	Human VDAC1
Cyclophilin D	E11AE12BD4	50	2	Rat CypD/PIIF
C-III-Core 1	16D10AD9AH5	50	2	Bovine Heart Complex II, III
Cytochrome c	37BA11	5	0.1	Human Cytochrome c
C-V-α	7H10BD4F9	100	4	Bovine Complex V

APPLICATIONS: Western blotting detection of a protein from each mitochondrial compartment. Can be used to assess mitochondrial membrane integrity during and after purification.

SPECIES CROSS-RE-ACTIVITY: human, bovine, mouse, rat

HOST SPECIES: Mouse

CONCENTRATION: 2.37 mg/mL in HEPES-Buffered Saline (HBS) with 0.02% azide as a preservative.

SUGGESTED WORKING CONCENTRATION: The antibody cocktail (2.37 mg/mL) should be diluted to a final working concentration of 10.2 µg/mL for Western blotting.

mAb PURITY: Near homogeneity as judged by SDS-PAGE. The antibodies were produced *in vitro* using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.

STORAGE CONDITIONS: Store at 4°C. Do not freeze.

COUNTRY OF ORIGIN: USA

ADDITIONAL INFO: Accompanied by 50 µg of human heart mitochondria (MS801) as a standard Western blotting control sample - mitochondria from other species and tissues are available upon request.

Note: This product is for research purposes only. It is not to be used in humans or for diagnostic purposes.

WARRANTY – MitoSciences Inc warrants that products will perform as indicated in the published Technical Data Sheet for 6 months from date of purchase when stored according to specifications and when used consistent with recommended protocols. If you experience results which materially differ from those described, send evidence of the non-performing product for replacement of the original product purchased or a credit toward any other of the company's products or services.