

# Mitochondria Membrane Integrity Antibody Cocktail

## Product Details

|                    |                           |
|--------------------|---------------------------|
| Size               | 255 µg                    |
| Species Reactivity | Bovine, Human, Mouse, Rat |
| Host/Isotype       | Mouse / Ig                |
| Class              | Cocktail                  |
| Type               | Antibody                  |
| Clone              | Cocktail                  |
| Conjugate          | Unconjugated              |
| Form               | Liquid                    |
| Concentration      | 2.37 mg/mL                |
| Purification       | IgG fraction              |
| Storage buffer     | HEPES buffered saline     |
| Contains           | 0.02% sodium azide        |
| Storage conditions | 4° C                      |
| RRID               | AB_2533833                |

| Applications      | Tested Dilution | Publications  |
|-------------------|-----------------|---------------|
| Western Blot (WB) | 10.2 µg/mL      | 1 Publication |

## Product Specific Information

Mitochondria Membrane Integrity cocktail of monoclonal antibodies specific to human, bovine, mouse, rat mitochondria membranes. This antibody is validated for use in Western Blot, and can be used to assess mitochondrial membrane integrity during and after purification.

Contains:

50 µg of Porin clone #2B12AF12 - Human VDAC1. Concentration 2 µg/mL.

50 µg of Cyclophilin D clone #E11AE12BD4 - Rat CypD/PPIF. Concentration 2 µg/mL.

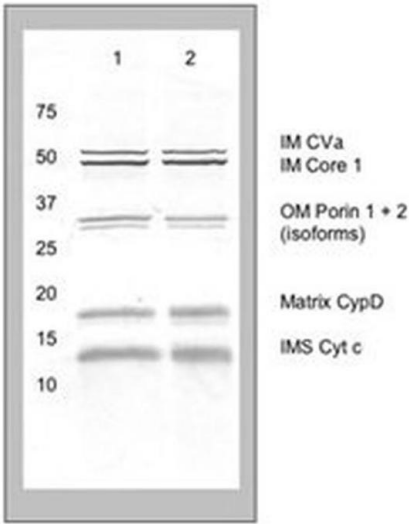
50 µg of C-III-Core 1 clone # 16D10AD9AH5 - Bovine Heart Complex II/III. Concentration 2 µg/mL.

5 µg of Cytochrome C clone #37BA11 - Human Cytochrome c. Concentration 0.1 µg/mL.

100 µg of C-V-a clone #7H10BD4F9 - Bovine Complex V. Concentration 4 µg/mL.

This antibody cocktail (2.37 mg/mL) should be diluted to a final working concentration of 10.2 µg/mL for use in Western blot applications.

Product Images For Mitochondria Membrane Integrity Antibody Cocktail



**Mitochondria Membrane Integrity Antibody (45-7799) in WB**  
Western blot analysis of Mitochondria Membrane Integrity in Rat liver mitochondria using a Monoclonal antibody cocktail (Product # 45-7799). Both lanes were loaded with 10 µg of Rat liver mitochondria preparations.

1 Reference

Western Blot (1)

|   |              |
|---|--------------|
| Antioxidants (Basel, Switzerland)   | Year<br>2021 |
| <b>Pharmacological Inhibition of S-Nitrosoglutathione Reductase Reduces Cardiac Damage Induced by Ischemia-Reperfusion.</b> |              |
| "Published figure using Mitochondria Membrane Integrity cocktail antibody (Product # 45-7799) in Western Blot"              |              |
| Authors: Castillo OA,Herrera G,Manriquez C,Rojas AF,González DR   |              |

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