

Product Datasheet

Mitofusin 2 antibody (orb150804)

Description

Mouse monoclonal to Mitofusin 2 (ATTO-488).

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Species/Host

Mouse

Reactivity

Human, Mouse, Rat

Conjugation

ATTO-488

Tested

ICC, IHC, WB

Applications
Immunogen

Fusion protein amino acids 370-600 (cytoplasmic N-terminus) of mouse Mitofusin-2. Rat: 97% identity (226/231 amino acids identical). Human: 92% identity (214/231 amino acids identical) ~55% identity with Mitofusin-1.

Target

Mitofusin 2

Preservatives

PBS pH 7.4, 50% glycerol, 0.1% sodium azide
*Storage buffer may change when conjugated

Concentration

1 mg/ml

Storage

Conjugated antibodies should be stored at 4°C

Note

For research use only

Application notes

1 µg/ml of SMC-457 was sufficient for detection of Mitofusin-2 in 20 µg of mouse cardiac mitochondrial lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

Isotype

IgG2a

Clonality

Monoclonal

MW

90kDa

Uniprot ID

[Q80U63](#)

NCBI

[NP_573464.2](#)

Entrez

[170731](#)

Dilution Range

WB (1:1000), ICC/IF (1:100)

Expiration Date

12 months from date of receipt.