

Mouse Anti-Human Cardiotin (Clone SR-2) mAb

Catalog No. MON3044 **Quantity:** 1 ml

Description: Cardiotin is a high molecular weight protein complex (300 kDa) located in the mitochondria of cardiomyocytes and skeletal muscle. The cardiotin structure exists of subunits of 60 kDa and 100 kDa, probably in a tetrameric configuration. Both subunits contain the same amino-terminal 14 amino-acid sequence, showing high homology to Human skeletal muscle α actinin. During cardiac contractile dysfunction and myocard cell differentiation, the cardiotin distribution is affected. Compared to other structural proteins, cardiotin is one of the first to respond to insults (ischemia, fibrillation) that influence the functional status of cardiomyocytes.

Concentration: 1 mg/ml

Specificity: Cardiotin

Host: Mouse

Immunogen: 100 kDa cardiotin subunit

Isotype: IgM

Clone: SR-2

Formulation: PBS with 0.09% sodium azide

Applications: WB, IHC

Storage & Stability: Store at 2-8°C until expiration date.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.