

Recombinant

DGRmAb®

Slow Skeletal Myosin Heavy chain (DGR20082) Rabbit mAb

db12818

Package : 10µL 20µL 50µL 100µL

Product Name : Slow Skeletal Myosin Heavy chain (DGR20082) Rabbit mAb**Cat.No.:** db12818**Synonyms** : CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB**Application** : IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Muscle myosin is a hexameric protein containing 2 heavy chain subunits, 2 alkali light chain subunits, and 2 regulatory light chain subunits. This gene encodes the beta (or slow) heavy chain subunit of cardiac myosin. It is expressed predominantly in normal human ventricle. It is also expressed in skeletal muscle tissues rich in slow-twitch type I muscle fibers. Changes in the relative abundance of this protein and the alpha (or fast) heavy subunit of cardiac myosin correlate with the contractile velocity of cardiac muscle. Its expression is also altered during thyroid hormone depletion and hemodynamic overloading. Mutations in this gene are associated with familial hypertrophic cardiomyopathy, myosin storage myopathy, dilated cardiomyopathy, and Laing early-onset distal myopathy. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Slow Skeletal Myosin Heavy chain

Gene ID

4625

Swiss Prot

P12883

Synonyms

CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB

Reactivity

Human,Mouse,Rat

Application

IHC-P

Recommended dilution

IHC-P: 1:200-1:2000

Calculated MW

224 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20082

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.