

## Slow Skeletal Myosin Heavy chain Rabbit pAb

db8971

Package : 20µL 50µL 100µL

**Product Name** : Slow Skeletal Myosin Heavy chain Rabbit pAb**Cat.No.:** db8971**Synonyms** : CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB**Application** : IHC**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

**Recommended dilution**

IHC: 1:200

**Calculated MW**

224 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

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**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.