

Myosin heavy chain (DGR35107) Mouse mAb

db23905

Package : 10µL 20µL 50µL 100µL

Product Name : Myosin heavy chain (DGR35107) Mouse mAb**Cat.No.:** db23905**Synonyms** : MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Myosin heavy chain

Gene ID

4619

Swiss Prot

P12882

Synonyms

MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, ICC/IF

Recommended dilutionWB: 1:1000
IHC-P: 1:1000
ICC/IF: 1:200-1:500**Calculated MW**

223 kDa

Observed MW

223 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

DGR35107

Isotype

IgG2a

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.