

Recombinant

DGRmAb®

MYH9 (DGR21080) Rabbit mAb

db13147

Package : 10µL 20µL 50µL 100µL

Product Name : MYH9 (DGR21080) Rabbit mAb**Cat.No.:** db13147**Synonyms** : MHA; FTNS; EPSTS; BDPLT6; DFNA17; MATINS; NMMHCA; NMHC-II-A; NMMHC-IIA**Application** : WB, IHC-P, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness. [provided by RefSeq, Dec 2011]

Immunogen

A synthetic peptide of human non-muscle Myosin IIA

Gene ID

4627

Swiss Prot

P35579

Synonyms

MHA; FTNS; EPSTS; BDPLT6; DFNA17; MATINS; NMMHCA; NMHC-II-A; NMMHC-IIA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:500

IP: 1:20-1:50

Calculated MW

227 kDa

Observed MW

227 kDa

Host species

Rabbit

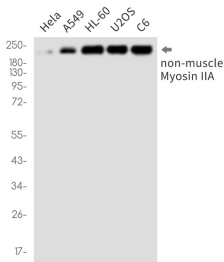
Clonality

Monoclonal

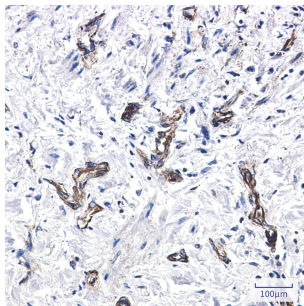
Clonality No.

DGR21080

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.



Western blot detection of non-muscle Myosin IIA in HeLa,A549,HL-60,U2OS,C6 cell lysates using non-muscle Myosin IIA antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13147 antibody.