

## non-muscle Myosin IIA Rabbit pAb

db8410

Package : 20μL 50μL 100μL

**Product Name** : non-muscle Myosin IIA Rabbit pAb**Cat.No.:** db8410**Synonyms** : MHA; FTNS; EPSTS; BDPLT6; DFNA17; NMMHCA; NMHC-IIA; NMMHC-IIA**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human**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; NMMHCA; NMHC-IIA; NMMHC-IIA

**Reactivity**

Human

**Application**

WB, IHC, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

FC: 1:20

**Calculated MW**

227 kDa

**Observed MW**

227 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.