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## MYH9 (C2) Antibody, Rabbit Polyclonal

**Cat#: R2410-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 227 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P35579**

### **Background:**

Myosin-9 (MYH9) 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.

### **Other Names:**

Myosin-9, Cellular myosin heavy chain, type A, Myosin heavy chain 9, Myosin heavy chain, non-muscle IIA, Non-muscle myosin heavy chain A, NMMHC-A, Non-muscle myosin heavy chain IIA, NMMHC II-a, NMMHC-IIA

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human MYH9. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

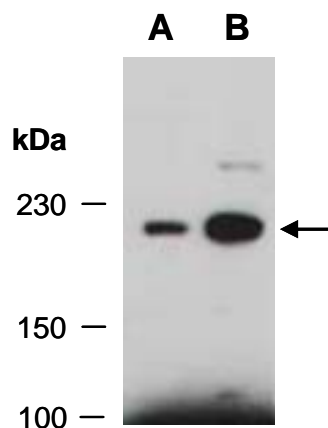
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from A) human HeLa; B) human Jurkat; using anti-MYH9 (C2) (R2410-2) at RT for 2 h.