

## ALPHA ACTININ 4 RABBIT MAB

**Cat.#:** N261826

**Product Name:** Anti-alpha Actinin 4 Rabbit Monoclonal Antibody

**Synonyms:** Alpha-actinin-4 ,Non-muscle alpha-actinin 4 ,ACTN4

**UNIPROT ID:** O43707

**Background:** F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

**Immunogen:** A synthetic peptide of human alpha Actinin 4

**Applications:** WB,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R06-3D7

**MW:** Calculated MW: 105 kDa; Observed MW: 105 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

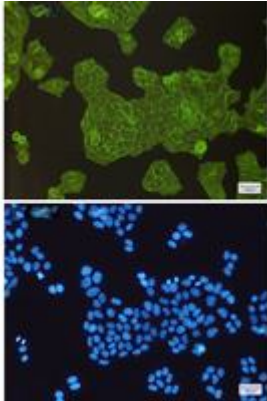
**Conjugation:** Unconjugated

**Modification:** Unmodified

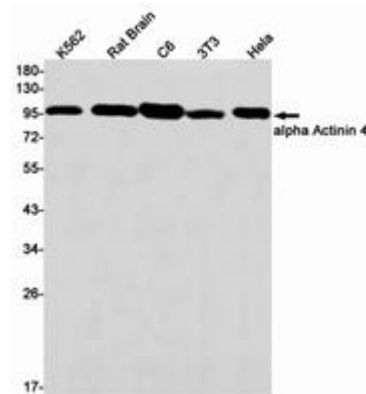
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of alpha Actinin 4 (green) in Hela using alpha Actinin 4 antibody, and DAPI (blue)



Western blot analysis of alpha Actinin 4 in K562, rat Brain, C6, 3T3, Hela lysates using alpha Actinin 4 antibody.