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| <b>Product name:</b>     | alpha Actinin 4 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                          |
| <b>Cat number:</b>       | MABN01635                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                        |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                               |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                              |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen:</b>        | A synthetic peptide of human alpha Actinin 4                                                                                                                                                                                                                                                                                        |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>     | WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | Calculated MW: 105 kDa; Observed MW: 105 kDa                                                                                                                                                                                                                                                                                        |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                               |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer:</b>           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                                                                                                                                                                                                                                               |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                        |
| <b>Background:</b>       | 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. |