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**Product Name: Munc 13-4 Rabbit Monoclonal Antibody****Catalog #: AMRe03987**

For research use only.

**Summary**

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|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,FC  |
| <b>Reactivity</b>    | Human, Mouse   |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> |  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                                    |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,FC 1:50-1:100              |
| <b>Molecular Weight</b> | Calculated MW:123 kDa;Observed MW: 123 kDa |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | UNC13D                                 |
| <b>Alternative Names</b> | Munc13-4,Protein unc-13 homolog D      |
| <b>Gene ID</b>           | 201294.0                               |
| <b>SwissProt ID</b>      | Q70J99                                 |
| <b>Immunogen</b>         | A synthetic peptide of human Munc 13-4 |

**Background**

Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse. Regulates assembly of recycling and late endosomal structures, leading to the formation

of an endosomal exocytic compartment that fuses with perforin-containing granules at the immunologic synapse and licences them for exocytosis. Regulates Ca<sup>2+</sup>-dependent secretory lysosome exocytosis in mast cells.

## Research Area

Immunology

## Image Data

Western blot analysis of Munc 13-4 in K562 lysates using Munc 13-4 antibody.

