

## Anti-CRMP2 Rabbit Monoclonal Antibody

Catalog Number: M02860

### About DPYSL2

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.

### Overview

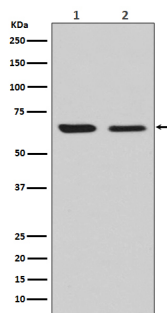
|                      |                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-CRMP2 Rabbit Monoclonal Antibody                                                                                                                                       |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                           |
| Description          | Boster Bio Anti-CRMP2 Rabbit Monoclonal Antibody catalog # M02860. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |
| Application          | Flow Cytometry, IP, IF, IHC, ICC, WB                                                                                                                                        |
| Clonality            | Monoclonal ACEH-4                                                                                                                                                           |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                         |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                  |
| Host                 | Rabbit                                                                                                                                                                      |
| Uniprot ID           | Q16555                                                                                                                                                                      |

### Technical Details

|                     |                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human CRMP2                                                                                                                                                                                                                                                                                                                                           |
| Isotype             | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                               |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                                                                                                                                                                                                                                                             |
| Purification        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used: |

|  |                                                                                |
|--|--------------------------------------------------------------------------------|
|  | WB 1:1000-1:5000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:100 |
|--|--------------------------------------------------------------------------------|

## Anti-CRMP2 Rabbit Monoclonal Antibody (M02860) Images



Western blot analysis of CRMP2 expression in (1) U87-MG cell lysate; (2) NIH/3T3 cell lysate.

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