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# RAP1B Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image



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| Overview                      |  |  |
|-------------------------------|--|--|
| Quantity:                     | 20 μg  |  |
| Target:                       | RAP1B  |  |
| Protein Characteristics:      | Transcript Variant 2   |  |
| Origin:                       | Human  |  |
| Source:                       | HEK-293 Cells  |  |
| Protein Type:                 | Recombinant  |  |
| Purification tag / Conjugate: | This RAP1B protein is labelled with Myc-DYKDDDDK Tag.  |  |
| Application:                  | Antibody Production (AbP), Standard (STD)  |  |
| Product Details               |  |  |
| Characteristics:              | <ul> <li>Recombinant human RAP1B (transcript variant 2) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul> |  |
| Purity:                       | > 80 % as determined by SDS-PAGE and Coomassie blue staining   |  |
| Target Details                |  |  |
| Target:                       | RAP1B  |  |
| Alternative Name:             | Rap1b (RAP1B Products)   |  |
| Background:                   | This gene encodes a member of the RAS-like small GTP-binding protein superfamily. Members  |  |
|                               | of this family regulate multiple cellular processes including cell adhesion and growth and   |  |
|                               | differentiation. This protein localizes to cellular membranes and has been shown to regulate   |  |
|                               | integrin-mediated cell signaling. This protein also plays a role in regulating outside-in signaling  |  |

### **Target Details**

|                   | in platelets. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 5, 6 and 9. |
|-------------------|--|
| Molecular Weight: | 20.6 kDa   |
| NCBI Accession:   | NP_001010942   |
| Pathways:         | CXCR4-mediated Signaling Events, Signaling of Hepatocyte Growth Factor Receptor  |

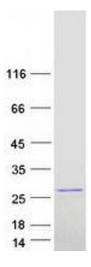
# **Application Details**

| Application Notes: | Recombinant human proteins can be used for:          |  |
|--------------------|--|--|
|                    | Native antigens for optimized antibody production    |  |
|                    | Positive controls in ELISA and other antibody assays |  |
| Comment:           | The tag is located at the C-terminal.                |  |
| Restrictions:      | For Research Use only                                |  |

## Handling

| Concentration:   | 50 μg/mL  |
|------------------|---|
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| Storage:         | -80 °C  |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot