

RecomAb™

## RUVBL2 recombinant monoclonal antibody, clone R05-8F9

Catalog # RAB06410      Size 100 uL

### Specification

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Product Description  | Rabbit recombinant monoclonal antibody raised against human and mouse RUVBL2.                                          |
| Antibody Species     | Rabbit                                                                                                                 |
| Immunogen            | Original antibody is raised against protein corresponding to full length human RUVBL2.                                 |
| Theoretical MW (kDa) | Calculated MW: 51 kD                                                                                                   |
| Reactivity           | Human, Mouse                                                                                                           |
| Form                 | Liquid                                                                                                                 |
| Purification         | Affinity chromatography                                                                                                |
| Isotype              | IgG                                                                                                                    |
| Recommend Usage      | Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end use.                       |
| Storage Buffer       | In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)                                                       |
| Storage Instruction  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| Note                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

### Applications

- Western Blot
- Immunohistochemistry
- Immunofluorescence

## Gene Info — RUVBL2

**Entrez GeneID** [10856](#)

**Protein Accession#** [Q9Y230](#)

**Gene Name** RUVBL2

**Gene Alias** CGI-46, ECP51, INO80J, REPTIN, RVB2, TIH2, TIP48, TIP49B

**Gene Description** RuvB-like 2 (E. coli)

**Omim ID** [604788](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation. [provided by RefSeq]

**Other Designations** INO80 complex subunit J|Reptin52|RuvB (E coli homolog)-like 2|RuvB-like 2|TBP-interacting protein, 48-KD|erythrocyte cytosolic protein, 51-KD

## Disease

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