

## Rabbit RPS19 Monoclonal Antibody | anti-RPS19 antibody

RPS19 Conjugated Antibody

|                               |                       |                                        |
|-------------------------------|-----------------------|----------------------------------------|
| CATALOG #<br><b>AAA312826</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> |
|-------------------------------|-----------------------|----------------------------------------|

### PRODUCT SYNONYMS

RPS19; Monoclonal Antibody; RPS19 Conjugated Antibody; 40S ribosomal protein S19 antibody; DBA antibody; DBA1 antibody; HGNC:10402 antibody; Ribosomal protein S19 antibody; rps19 antibody; RS19\_HUMAN antibody; S19 antibody; anti-RPS19 antibody

### PRODUCT SPECIFICATIONS

|                         |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                      |
| Reactivity              | Human, Mouse, Rat                                                                           |
| Clonality               | Monoclonal                                                                                  |
| Form/Format             | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Antibody Type           | Recombinant Antibody                                                                        |
| Immunogen               | Recombinant protein                                                                         |
| Conjugation             | AF Dye                                                                                      |
| Excitation Emission     | AF350: 346nm/442nm                                                                          |
| Preparation and Storage | Store at 4 degree C in the dark for 6 months.                                               |

### ADDITIONAL INFORMATION

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| Related Product Information for anti-RPS19 antibody | Ribosomal subunits are synthesized in the nucleus and mature 40S and 60S subunits are exported stoichiometrically into the cytoplasm. Together these subunits are composed of four RNA species and approximately 80 structurally distinct proteins. Ribosomal proteins have the ability to pass through the nuclear envelope in the native state, making them the largest of the structures accommodated by the nuclear pore complexes. The nuclear export of ribosomal subunits is a unidirectional, saturable and energy-dependent process. Ribosomal Protein S19 (RPS19) is a 145 amino acids protein expressed in various human adult tissues, including bone marrow, peripheral blood, spleen, liver and nonhematopoietic tissues. RPS19 expression decreases during terminal erythroid differentiation; a deficiency of RPS19 blocks proliferation of immature erythroid progenitor cells altogether. Mutations in the RPS19 gene are linked with Diamond-Blackfan anemia (DBA), a congenital, hypoplastic, red cell aplasia that occasionally presents with physical anomalies. |
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### NCBI AND UNIPROT INFORMATION

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|---------------------------|-----------------------------|
| NCBI GI #                 | <a href="#">4506695</a>     |
| NCBI GeneID               | <a href="#">6223</a>        |
| NCBI Accession #          | <a href="#">NP_001013.1</a> |
| NCBI GenBank Nucleotide # | <a href="#">NM_001022.3</a> |
| UniProt Accession #       | <a href="#">P39019</a>      |
| Molecular Weight          | Calculated MW: 16 kDa       |
| NCBI Official Full Name   | 40S ribosomal protein S19   |

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI Official Synonym Full Names | ribosomal protein S19     |
| NCBI Official Symbol             | RPS19                     |
| NCBI Official Synonym Symbols    | DBA; S19; DBA1            |
| NCBI Protein Information         | 40S ribosomal protein S19 |
| UniProt Protein Name             | 40S ribosomal protein S19 |
| UniProt Gene Name                | <b>RPS19</b>              |
| UniProt Entry Name               | RS19_HUMAN                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rps19-antibody-elisa/312826>