

## Mouse anti-Mouse Prekallikrein Monoclonal Antibody | anti-KLKB1 antibody

Inhibitory Anti Mouse Prekallikrein, Clone 14E3

|                              |                      |                            |                                            |
|------------------------------|----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA37864</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|----------------------|----------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

Prekallikrein; Monoclonal Antibody; Inhibitory Anti Mouse Prekallikrein; Clone 14E3; anti-KLKB1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                              |
| Reactivity                                      | Mouse                                                                                              |
| Clonality                                       | Monoclonal                                                                                         |
| Isotype                                         | IgG1 kappa                                                                                         |
| Clone Number                                    | 14E3-D6E8                                                                                          |
| Purity/Purification                             | IgG fraction                                                                                       |
| Form/Format                                     | Frozen Liquid-0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6                                  |
| Concentration                                   | 0.82 mg/ml (varies by lot)                                                                         |
| Sequence Length                                 | 638                                                                                                |
| Applicable Applications for anti-KLKB1 antibody | WB (Western Blot), ELISA                                                                           |
| Source                                          | Hybridoma Cell Culture                                                                             |
| Extinction Coefficient                          | 1.36                                                                                               |
| Volume                                          | 0.122 ml                                                                                           |
| Dry Ice Note                                    | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost. |
| Preparation and Storage                         | Store at -70°C. Ships on dry ice.                                                                  |

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KLKB1 antibody | Inhibitory mouse monoclonal antibody to mouse prekallikrein produced in a prekallikrein knockout mouse. Extends the clotting time of normal mouse plasma. IgG fraction purified by immobilized Protein A/G. Strongly detects mouse prekallikrein in ELISA and western blot under non-reducing conditions. Can be used as a capture antibody in ELISA assays. Clone 14E3-D6E8, isotype IgG1 Kappa.<br>Shares a partial epitope with PK11H4 as determined by competitive ELISA. Does not compete with PK3A10, PK5G7, PK7G2, or PK11H4. |
| Product Categories/Family for anti-KLKB1 antibody   | <a href="#">Monoclonal Antibodies to Mouse Prekallikrein</a> ; <a href="#">Anti Mouse Targets</a>                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### NCBI AND UNIPROT INFORMATION

|             |                           |
|-------------|---------------------------|
| NCBI GI #   | <a href="#">236465805</a> |
| NCBI GeneID | <a href="#">16621</a>     |

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI Accession #                 | NP_032481.2                     |
| NCBI GenBank Nucleotide #        | NM_008455.3                     |
| UniProt Accession #              | P26262; Q8R0P5                  |
| Molecular Weight                 | Molecular Weight: 160,000       |
| NCBI Official Full Name          | plasma kallikrein preproprotein |
| NCBI Official Synonym Full Names | kallikrein B, plasma 1          |
| NCBI Official Symbol             | Klkb1                           |
| NCBI Official Synonym Symbols    | APS; PSA; Kal3; Klk3; Kal-3     |
| NCBI Protein Information         | plasma kallikrein               |
| UniProt Protein Name             | Plasma kallikrein               |
| UniProt Gene Name                | Klkb1                           |
| UniProt Synonym Gene Names       | Klk3; Pk                        |

**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/prekallikrein-antibody-clone-14e3-d6e8-western-blot-elisa/37864>