

Product Datasheet

Kallikrein 3/PSA Antibody (A67-B/E3) [DyLight 405] NBP2-34549V

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34549V

Kallikrein 3/PSA Antibody (A67-B/E3) [DyLight 405]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | A67-B/E3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | DyLight 405 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|---|
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Mouse |
| Gene ID | 354 |
| Gene Symbol | KLK3 |
| Species | Human |
| Specificity/Sensitivity | Recognizes a single protein of 33-34kDa, identified as the prostate specific antigen (PSA). This monoclonal antibody is highly specific to PSA and stains prostatic secretory and ductal epithelium in both normal and neoplastic tissues. PSA is a chymotrypsin-like serine protease (kallikrein family) exclusively produced by the prostate epithelium, and abundant in seminal fluid. PSA can be detected in the sera of patients with prostatic carcinoma. It is predominantly complexed to a liver-derived serine protease inhibitor, alpha-1-antichymotrypsin (ACT). A higher proportion of serum PSA is complexed to ACT in prostate cancer than in benign prostate hyperplasia. This monoclonal antibody makes an excellent pair with monoclonal antibody 1A7G6B6 for PSA tests. |
| Immunogen | Kallikrein 3/PSA (p30) from human sperm plasma (Uniprot: P07288) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Use in Flow Cytometry reported in scientific literature (PMID: 33364756). |





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Products Related to NBP2-34549V

| | |
|-------------------|---|
| NBP1-43319V-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405] |
| NBP2-61380-1mg | Recombinant Human Kallikrein 3/PSA Protein |
| M6000B-1 | IL-6 [HRP] |
| DKK300 | Kallikrein 3/PSA [HRP] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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