

# Product Datasheet

## PKC zeta Antibody (453513) [Biotin] FAB6666B

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/10/2025 v.20.1

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**FAB6666B**

PKC zeta Antibody (453513) [Biotin]

| 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                       | 453513                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate                   | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 5590                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | PRKCZ                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Detects human PKC $\zeta$ in direct ELISAs and Western blots. In direct ELISAs, less than 25% cross-reactivity with recombinant human (rh) PKC iota and rhPKC alpha and no cross-reactivity with rhPKC epsilon, eta, beta 1, beta 2, delta, gamma, nu, mu, or theta is observed. In Western blots, 100% cross-reactivity with recombinant human (rh) PKC iota and no cross-reactivity with rhPKC epsilon or eta is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human PKC $\zeta$<br>Ile454-Val592<br>Accession # Q05513                                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                       |





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### **Products Related to FAB6666B**

|                    |                                                 |
|--------------------|-------------------------------------------------|
| NBP2-27231B        | Mouse IgG2b Isotype Control (MPC-11) [Biotin]   |
| H00005590-P01-10ug | Recombinant Human PKC zeta GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                        |
| NBL1-14778         | PKC zeta Overexpression Lysate                  |

### **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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