

39-1014: Anti-CD3 Monoclonal Antibody (Clone: CA-3) (discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | CA-3 |
| Reactivity : | Human |
| Gene : | Cd3e |
| Gene ID : | 315609 |
| Uniprot ID : | D4A5M2 |
| Alternative Name : | CD3 antigen, epsilon polypeptide (Predicted) ; Protein Cd3e ; Cd3e ; Cd3e_predicted ; rCG_58471 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Human thymocytes followed by Sezary T cells. |

Description

The alpha-beta heterodimeric T-cell antigen receptor binds antigen in association with major histocompatibility complex proteins on host cell surfaces. These 2 disulfide-linked glycoproteins, TCRA and TCRB are associated on T-cell surfaces with a complex of proteins called CD3(formerly T3). Human CD3 consists of at least 4 proteins: gamma, delta, epsilon, and zeta. The CD3-gamma/CD3-delta gene pair is within 300 kb of the CD3-epsilon gene and therefore these genes form a tightly linked cluster on 11q23. The clustering may be significant in terms of their simultaneous activations during T-cell development.

Product Info

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| Amount : | 100 µg/vial |
| Purification : | Ascites |
| Content : | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml. |
| Storage condition : | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Application Note

Immunohistochemistry(Frozen Section) : 1½µg/ml