

CD3e/CD8 Antibody Cocktail, FITC, PE

Catalog Number      MA5-16606

Product data sheet

| Details            |   | Species Reactivity   |      |
|--------------------|---|--|------|
| Size               | 100 Tests   | Species reactivity   | Dog  |
| Host/Isotope       | Mixed / IgG1  | Tested Applications      Dilution *  |      |
| Class              | Cocktail  | Flow Cytometry (Flow)  | Neat |
| Type               | Antibody  | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. |      |
| Clone              | CA17.2A12/YCATE55.9   |  |      |
| Immunogen          | Affinity enriched TCR/CD3 membrane proteins isolated from thymocytes and the T cell line CLGL-9, Canine CD8 alpha chimaeric human IgG1 Fc fusion protein. |  |      |
| Conjugate          | FITC , PE   |  |      |
| Form               | Lyophilized   |  |      |
| Concentration      | Conc. Not Determined  |  |      |
| Purification       | purified  |  |      |
| Storage buffer     | PBS with 1% BSA, 5% sucrose   |  |      |
| Contains           | 0.09% sodium azide  |  |      |
| Storage Conditions | 4° C, store in dark, DO NOT FREEZE!   |  |      |

Product specific information

This antibody recognizes canine CD3 epsilon and CD8 cell surface antigens. Clone CA17.2A12 is a FITC-conjugated mouse IgG1 that recognizes canine CD3, a T cell differentiation antigen expressed on mature T lymphocytes. Clone YCATE 55.9 is an RPE-conjugated Rat IgG1 that recognizes canine CD8 epsilon, which is expressed by cytotoxic T cells. YCATE 55.9 binds to CD8 alpha. Reconstitute with 1 mL of distilled water. After reconstitution, store product undiluted at 4°C in the dark. For FACS analysis, use 10 µL of the suggested working dilution to label 1x10^6 cells in 100 µL.

Background/Target Information

putative component of the CD3 T-cell receptor.

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