



# Rabbit Anti-FMC63 scFv monoclonal antibody, clone F2E5 [PE] (DMABB-JX508P)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>        | Recognizes FMC63 scFv specifically                                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | scFv region of a CD19-specific mouse mAb clone FMC63                                                                                                                                                                                                                |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                 |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b> | N/A                                                                                                                                                                                                                                                                 |
| <b>Clone</b>              | F2E5                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>          | PE                                                                                                                                                                                                                                                                  |
| <b>Applications</b>       | FC: 5 µL/test, in 100-200 µL with $\sim 1 \times 10^6$ cells<br>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| <b>Format</b>             | Purified, Liquid                                                                                                                                                                                                                                                    |
| <b>Concentration</b>      | Lot specific                                                                                                                                                                                                                                                        |
| <b>Size</b>               | 125 µl, 500 µl                                                                                                                                                                                                                                                      |
| <b>Buffer</b>             | Phosphate-buffered solution (pH 7.2), containing 0.03% Proclin 300 and 5 mg/ml BSA.                                                                                                                                                                                 |
| <b>Storage</b>            | Store at 2-8°C.                                                                                                                                                                                                                                                     |

## BACKGROUND

**Introduction**

FMC63 is an IgG2a mouse monoclonal antibody specific for CD19, which is a target for the immunotherapy of B lineage leukaemias and lymphomas. FMC63 scFv is the most commonly used ectodomain component of CD19-specific CARs. So far, most of reported CART19 trials contain the anti-CD19 scFv derived from FMC63, including the two FDA-approved CARs Kymriah and Yescarta.

**Keywords**

FMC63; Anti-CD19