

CD2 (OKT11)

| Type | Size | Catalog number |
|-------------------|-----------|----------------|
| Unconjugated | 100µg | 100201 |
| | 500µg | 100203 |
| FITC | 25 tests | 100214 |
| | 100 tests | 100215 |
| | 200 tests | 100216 |
| PE | 25 tests | 100224 |
| | 100 tests | 100225 |
| | 200 tests | 100226 |
| APC | 25 tests | 100244 |
| | 100 tests | 100245 |
| | 200 tests | 100246 |
| PerCP-Cyanine 5.5 | 25 tests | 100264 |
| | 100 tests | 100265 |
| | 200 tests | 100266 |
| mFluor™ 450 | 25 tests | 1002144 |
| | 100 tests | 1002145 |
| | 200 tests | 1002146 |
| Biotin | 100µg | 100251 |

Antigen: CD2
Immunogen: Human acute lymphoblastic leukemia cells
Host/Isotype: Mouse, IgG1,κ
Reactivity: Human
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09%NaN₃ (unconjugated, Biotin)
 PBS, pH7.2, 0.09% NaN₃ and 0.2% (w/v) BSA (conjugated)
Storage: Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**
Applications: Flow Cytometry

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Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

CD2 is a 50 kDa type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is a specific surface marker for T lymphocytes, natural killer cells, thymic B cell subsets, and some antigen presenting cells. CD2 interacts with CD58 (LFA-3) and CD48 to mediate cell adhesion and induce co-stimulatory signals in T lymphocytes.

References

1. Berney S.M, et al. 2000. J Investig Med. 48:102.
2. Ip S.H, et al. 1982. Clin Chem. 28:1905.
3. Ip S.H, et al. 1982. Blood. 60:795.
4. Moingeon P, et al. 1989. Immunol Rev. 111:111.
5. Reinherz E.L, et al. 1989 Cold Spring Harb Symp Quant Biol. 54:611.
6. Springer T.A, et al. 1987. Annu Rev Immunol. 5:223.
7. Verbi W, et al. 1982. Eur J Immunol. 12:81.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.