

Mouse Monoclonal Antibody to CD2

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| Catalogue Number | sAP-1393 |
| Target Molecule | <p>Name: CD2</p> <p>Aliases: T11; SRBC; LFA-2</p> <p>MW: 39.4kDa</p> <p>Entrez Gene ID: 914</p> |
| Description | CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells (summarized by Sewell et al., 1986 [PubMed 3490670]). It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it.; |
| Immunogen | Purified recombinant fragment of human CD2 (AA: 25-140) expressed in E. Coli. |
| Reactive Species | Human; Mouse; |
| Clone | MM3D1B4; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM: 1 to 200 - 1 to 400 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.J Cell Mol Med. 2014 Apr;18(4):600-9. ; 2.J Virol. 2013 Aug;87(16):9148-58. ; |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**