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# 36-3462: Anti-CD2 / Lymphocyte Function Antigen 2 (LFA-2) Monoclonal Antibody(Clone: BH1)-CF488

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | BH1 |
| **Application :** | FACS,IF |
| **Reactivity :** | Human |
| **Conjugate :** | CF488 |
| **Gene ID :** | 914 |
| **Uniprot ID :** | P06729 |
| **Alternative Name :** | Erythrocyte receptor; Ly-37; Lymphocyte function antigen 2 (LFA-2); LFA-3 receptor; Rosette receptor; SRBC; T-cell surface antigen CD2; T-cell surface antigen T11/Leu-5; T11 |
| **Isotype :** | Mouse IgG2b, kappa |
| **Immunogen Information :** | Human CD2 protein |

## Description

CD2 interacts throÂµgh its amino-terminal domain with the extracellular domain of CD58 (also designated CD2 ligand) to mediate cell adhesion. CD2/CD58 binding can enhance antigen-specific T cell activation. CD2 is a transmembrane glycoprotein that is expressed on peripheral blood T lymphocytes, NK cells and thymocytes. CD58 is a heavily glycosylated protein with a broad tissue distribution in hematopoietic and other cells, including endothelium. Interaction between CD2 and its counter receptor LFA3 (CD58) on opposing cells optimizes immune system recognition, thereby facilitating communication between helper T lymphocytes and antigen-presenting cells, as well as between cytolytic effectors and target cells.

## Product Info

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| **Amount :** | 0.5 ml at 100µg/ml |
| **Content :** | Antibody Purified from Bioreactor Concentrate by Protein A/G and conjµgated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format. |
| **Storage condition :** | Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous. |

## Application Note

Flow Cytometry: 5ul per test per one million cells (or 5ul per 100ul of whole blood); Immunofluorescence (1:50-1:100)

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***