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

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 throµgh 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**

**Amount:** 0.5 ml at 100μg/ml

Antibody Purified from Bioreactor Concentrate by Protein A/G and conjugated to various

Content: 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)