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Antibody to Human CD2 (T11, LFA-2)
MOUSE MONOCLONAL

Catalog Number: AB-414
Quantity: 500 micrograms, 1 milligram
Format: Lyophilized
Host: Mouse
Isotype: IgG2a
Clone: hCD2
Immunogen: Purified human PBL T cells

Background:

CD-2 interacts with lymphocyte function-associated antigen (lfa-3) and cd48/bcm1 to mediate adhesion between t-cells and other cell types. CD2 is implicated in the triggering of t- cells, the cytoplasmic domain is implicated in the signaling function.

Specificity and Preparation:

Mouse Anti-Human CD2 (T11, LFA-2) is purified by ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Applications include blocking and staining antibody. For staining, use 10 μ l/10⁶ cells. Titer for blocking/activating T cells should be determined by the investigator.

Reconstitute with H₂O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Store lyophilized material at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Material is stable for two years lyophilized, one month in solution at 4°C.