



6352 CORTE DEL ABETO, STE B
CARLSBAD, CA 92011 USA
01.858.642.1988 • WWW.ATSBIO.COM

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 associated with the signaling function.

Specificity and Preparation:

Mouse anti-human CD2 (T11, LFA-2) is purified by ion exchange chromatography. The protein concentration is 1 mg/ml in PBS after reconstitution.

Usage and Storage:

Reported to be effective as a blocking and staining antibody. For staining, use 10 μ l/10⁶ cells. The titer for blocking/activating T- cells should be determined by the investigator. Reconstitute with H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. 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.

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