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

**Catalog Number:** PRP-207ANT  
**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  $\mu$ l/10<sup>6</sup> cells. The titer for blocking/activating T- cells should be determined by the investigator. Reconstitute with H<sub>2</sub>O. 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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