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**Antibody to Human CD5**  
**MOUSE MONOCLONAL**

**Catalog Number:** AB-427  
**Quantity:** 500 micrograms  
**Format:** Lyophilized  
**Host:** Mouse  
**Isotype:** IgG1  
**Clone:** hCD5  
**Immunogen:** Purified human PBL CD4+ T cells

**Background:**

The T1/Leu1/CD5 molecule, a human T-cell surface glycoprotein of relative molecular mass (Mr) 67,000, has been implicated in the proliferative response of activated T cells and in T-cell helper function. Ly1 is the murine homolog. In the mouse, lymphocyte surface antigens that are markers for function have been identified. Allelic forms are known and chromosomal assignment of the loci has been achieved. Ly1 is on mouse chromosome 19. Ly2 and Ly3 are on mouse chromosome 6. Ly5 is on mouse chromosome 1. Ly6 is on mouse chromosome 15.

**Specificity and Preparation:**

Mouse Anti-Human CD5 is purified by ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

**Usage and Storage:**

Applications include staining antibody. For staining, use 10  $\mu$ l/10<sup>6</sup> cells.

Reconstitute with H<sub>2</sub>O. 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.