

**Anti-CD5 Picoband Antibody**  
**Catalog # ABO12851****Specification**

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**Anti-CD5 Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P06127</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for CD5 detection. Tested with WB in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-CD5 Picoband Antibody - Additional Information**

**Gene ID** 921

**Other Names**

T-cell surface glycoprotein CD5, Lymphocyte antigen T1/Leu-1, CD5, CD5, LEU1

**Application Details**

Western blot, 0.1-0.5 µg/ml

**Subcellular Localization**

Cell membrane; Single-pass type I membrane protein.

**Contents**

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence of human CD5 (KKLVKKFRQKKQRQWIGPTGMNQNMFSFHRNHTATVRSH).

**Cross Reactivity**

No cross reactivity with other proteins.

**Storage**

**At -20°C; for one year. After reconstitution, at 4°C; for one month. It can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.**

**Anti-CD5 Picoband Antibody - Protein Information**

**Name** CD5

**Synonyms** LEU1

**Function**

May act as a receptor in regulating T-cell proliferation.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Anti-CD5 Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CD5 Picoband Antibody - Images**

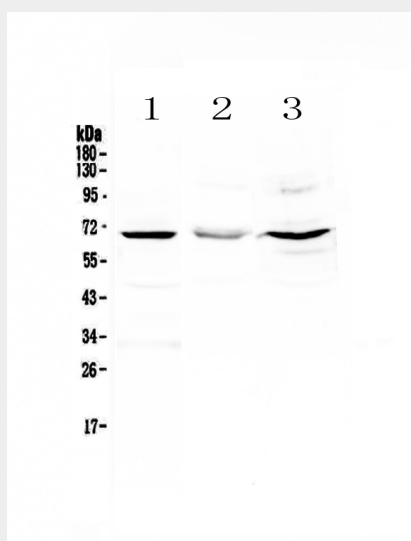


Figure 1. Western blot analysis of CD5 using anti-CD5 antibody (ABO12851).

**Anti-CD5 Picoband Antibody - Background**

CD5 is a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. In humans, the gene is located on the long arm of chromosome 11. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.