

**LY86 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14826B****Specification**

---

**LY86 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O95711</a>
Other Accession	<a href="#">O88188</a> , <a href="#">NP_004262.1</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17906
Antigen Region	98-127

**LY86 Antibody (C-term) - Additional Information****Gene ID** 9450**Other Names**

Lymphocyte antigen 86, Ly-86, Protein MD-1, LY86, MD1

**Target/Specificity**

This LY86 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-127 amino acids from the C-terminal region of human LY86.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LY86 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**LY86 Antibody (C-term) - Protein Information****Name** LY86**Synonyms** MD1

**Function** May cooperate with CD180 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) and cytokine production. Important for efficient CD180 cell surface expression (By similarity).

**Cellular Location**

Secreted, extracellular space. Note=Associated with CD180 at the cell surface

**Tissue Location**

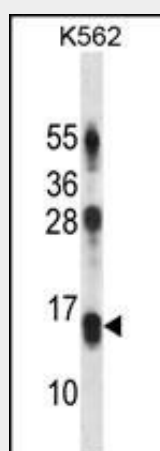
Highly expressed in B-cells, monocytes and tonsil.

**LY86 Antibody (C-term) - Protocols**

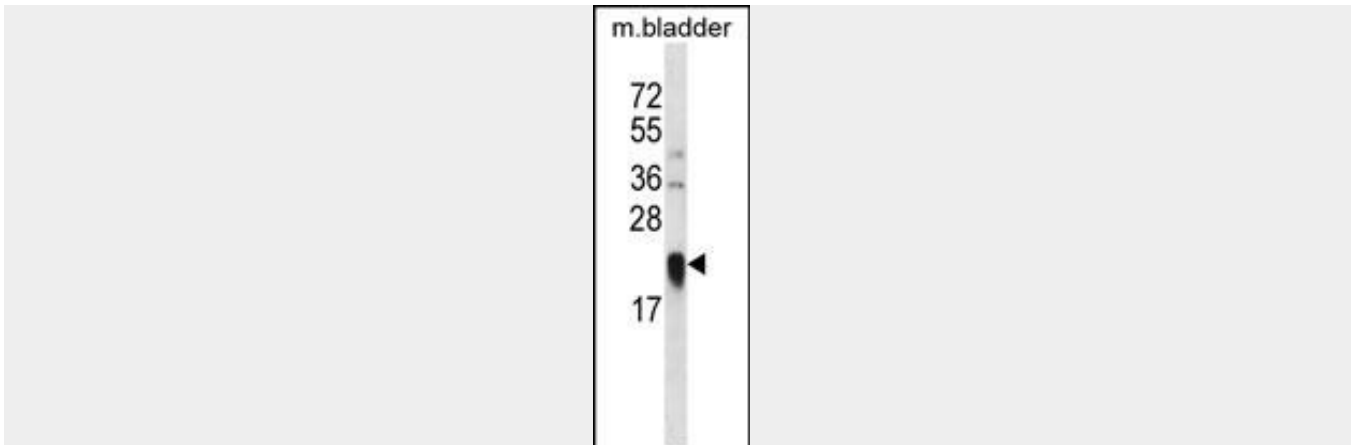
Provided below are standard protocols that you may find useful for product applications.

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

**LY86 Antibody (C-term) - Images**



LY86 Antibody (C-term) (Cat. #AP14826b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the LY86 antibody detected the LY86 protein (arrow).



LY86 Antibody (C-term) (Cat. #AP14826b) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the LY86 antibody detected the LY86 protein (arrow).

#### **LY86 Antibody (C-term) - Background**

LY86 may cooperate with CD180 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) and cytokine production. Important for efficient CD180 cell surface expression (By similarity).

#### **LY86 Antibody (C-term) - References**

- Davila, S., et al. Genes Immun. 11(3):232-238(2010)
- Shyn, S.I., et al. Mol. Psychiatry (2009) In press :
- Lee, S.W., et al. J Microbiol Immunol Infect 41(6):445-449(2008)
- Wang, J.Y., et al. Int. J. Immunogenet. 34(6):407-412(2007)
- Lamesch, P., et al. Genomics 89(3):307-315(2007)