

# CD53 Rabbit pAb

Catalog No.: A10079

## Basic Information

### Catalog No.

A10079

### Observed MW

35kDa

### Calculated MW

24kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Recommended Dilutions

**WB** 1:1000 - 1:4000

## Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants.

## Immunogen Information

### Gene ID

963

### Swiss Prot

P19397

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-180 of human CD53 (NP\_000551.1).

### Synonyms

CD53;MOX44;TSPAN25

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

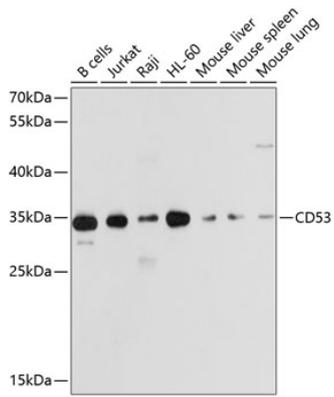
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CD53 antibody (A10079) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.