

# CD23 Rabbit pAb

Catalog No.: A25055

## Basic Information

### Observed MW

38kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

## Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

2208

### Swiss Prot

P06734

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 48-321 of human CD23 (NP\_001993.2).

### Synonyms

CD23; FCE2; CD23A; IGEBF; CLEC4J; FCER1I; BLAST-2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

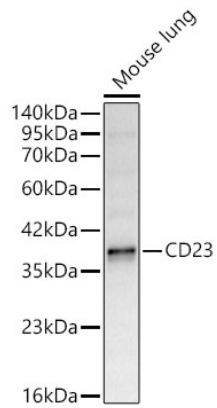
### Storage

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

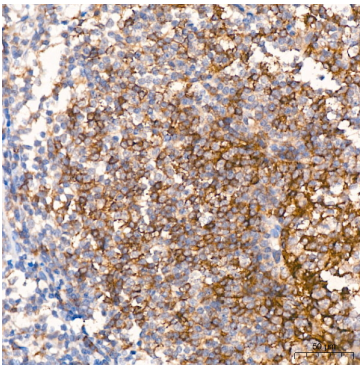
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Mouse lung using CD23 Rabbit pAb(A25055) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunohistochemistry analysis of CD23 in paraffin-embedded human tonsil tissue using CD23 Rabbit pAb (A25055) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.