

## CD23 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150167**

**Company: HaoKebio**

**Uniprot ID:**P06734

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:** 36 kDa

**Applications:** IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

### Background:

The CD23 antigen is a transmembrane glycoprotein expressed in various hematopoietic cells. It serves as a low-affinity receptor for IgE and is involved in the regulation of IgE production. CD23 is expressed in some mature B-cell lymphomas and Reed-Sternberg cells of Hodgkin's lymphoma. Follicular dendritic cells and activated B-cells within germinal centers exhibit dense CD23 expression, while B-cells in the mantle zone show weaker staining. Most cases of chronic lymphocytic leukemia/small lymphocytic lymphoma are CD23-positive, whereas mantle cell lymphoma is typically CD23-negative. CD23 has been demonstrated to aid in distinguishing small lymphocytic lymphoma from mantle cell lymphoma.

### Protein full name:

Fc fragment of IgE, low affinity II, receptor for (CD23)

### Synonyms:

3H6B8, BLAST 2, BLAST-2, CD23A, CLEC4J

### Immunogen:

A synthetic peptide corresponding to amino acid residues 221-321 of CD23.

### Isotype:

IgG

### Subcellular location:

Cell membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

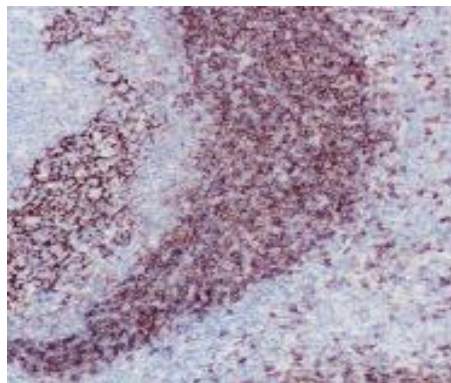
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C - 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of CD23 staining in tonsil tissue (formalin-fixed, paraffin-embedded sections) using HKZ150167. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. Olteanu H, et al. Am J Clin Pathol. 2011 Jan;135(1):46-53.
2. Kumar S, et al. Mod Pathol. 1996 Sep;9(9):925-9.

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发表[中文论文]请标注:CD23 (HKZ150167) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD23 (HKZ150167) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

