

## CD15 Monoclonal antibody

**Cat:**B32111R

**Company:** Haokebio

**Uniprot ID:**P22083

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

**Organism:**Mouse

IHC-Polymer:1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

### Background:

CD15 antigen, also known as X-hapten, is present in more than 90% of granulocytes (including neutrophils and eosinophils) and in a small subset of monocytes. Nearly all cases of chronic myelogenous leukemia (CML) show CD15 positivity, while CD15 expression is extremely rare in acute lymphoblastic leukemia (ALL). Among Reed-Sternberg (R-S) cells and mononuclear Hodgkin cells, 80% of cases of classical Hodgkin lymphoma exhibit positive CD15 expression. This antibody is mainly used for the diagnosis of Hodgkin lymphoma and granulocytic sarcoma.

### Protein full name:

CD15

### Synonyms:

Lewis X, SSEA-1

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cell membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

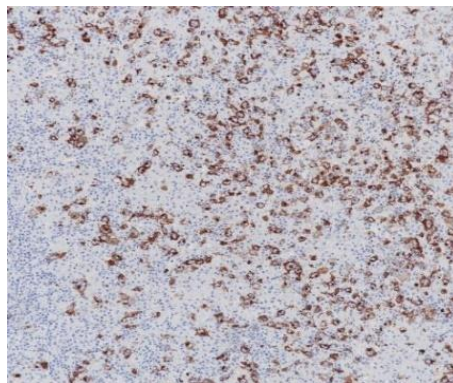
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Human Hodgkin lymphoma tissue, 4% PFA 12-24h

### Source of Reagents:

发表[中文论文]请标注:CD15(B32111R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD15(B32111R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.