

CD20 (AB1258) mouse mAb

V0224

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 33 kDa (calculated)
- 35 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

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

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality

Monoclonal

Clone Number

AB1258

Immunogen

A synthetic peptide corresponding to the amino acid region 200 - 297 of the human CD20 protein.

Specificity

The antibody can specifically recognize human CD20 protein.

Purification

Affinity purification Protein A

Concentration

Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name

MS4A1

Protein Name

CD20

Database Link

Organism

Human

Swiss Prot.

P11836

Gene ID

931

Background

CD20 is a B cell specific membrane protein, which is mainly distributed in B cells, pre-B cells, post-B cells and B cells before plasma cells. CD20 antibody generally does not cross react with T cells, and has good cell specificity for B-cell lymphoma and acute and chronic lymphocytic leukemia. Therefore, CD20 is the most commonly used B-cell marker in the classification of malignant lymphoma, especially T or B-cell lymphoma.