

CD20 (AB2390) mouse mAb

W0231

Key Features

Host Species

- Mouse

Reactivity

- Mouse; Rat;

Applications

- IHC; IF; ELISA

MW

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

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; IF; ELISA

Dilution

IHC, 1:200-1:1000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

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 AB2390

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

Specificity This antibody detects endogenous levels of 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 CD20

Protein Name CD20

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P11836	931

Background

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq, Jul 2008],