

LABGEN™

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CD20 antibody

CD20 Recombinant monoclonal Anti-Human

Catalog No. 10-191

Synonyms:

B1, S7, Bp35, MS4A2, LEU-16, MGC3969

Type:

Anti Human Recombinant

Introduction:

CD20 is 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. CD20 plays a role in the development and differentiation of B-cells into plasma cells. CD20 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

Description:

Recombinant Anti Human CD20 monoclonal Antibody produced in CHO is a glycosylated polypeptide chain having a molecular mass of 80 kDa.

CD-20 is purified by proprietary chromatographic techniques.

Source:

CHO

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in PBS, pH 7.4.

Solubility:

It is recommended to reconstitute the lyophilized rAHuCD-20 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CD-20 Receptor although stable at room temperature for 3 weeks, should be stored desiccated below -18°C.

Upon reconstitution CD-20 Receptor should be stored at 4°C between 2-7 days and for future use below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Purity:

Greater than 95.0% as determined by:

Analysis by RP-HPLC.

Analysis by SDS-PAGE gel.

Biological Activity:

Fully biologically active when compared to standard determined by the apoptosis assay of Raji cell in vitro.

Usage:

LABGEN's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.