

Product Datasheet

CD20 Antibody

Catalog No: CY5152

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC FC



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Information

UniProt ID: P11836

All Names: B1; S7; Bp35; CD20; MS4A2; LEU-16; MGC3969; MS4A1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthesized peptide

Molecular Wt.: 33kDa

Application

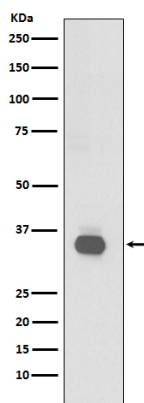
WB: 1:500~1:2000

IHC: 1:50~1:200

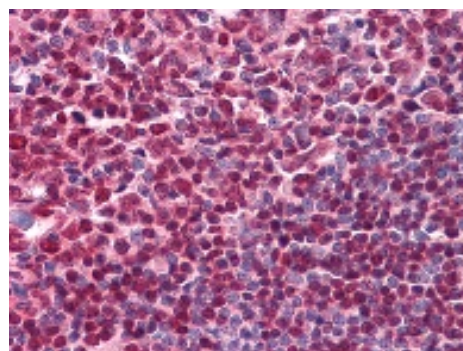
FC: 1:50

Background

This protein may be involved in the regulation of B-cell activation and proliferation. CD20 (MS4A1, membrane-spanning 4-domains, subfamily A, member 1) 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. The CD20 antigen is present on human pre B lymphocytes and on B lymphocytes at all stages of maturation, except on plasma cells. Low level expression of the CD20 antigen has been detected on normal T lymphocytes. The CD20 molecule is involved in regulation of B cell differentiation, presumably via its reported function as a Ca⁺⁺ channel subunit. And it is known to accelerate the G0 to G1 progression induced by IGF-1.



Western blot analysis of extracts from Raji cells, using CD20 antibody.



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using CD20 antibody.

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