



# Rabbit Anti-CD20 monoclonal antibody, clone TZ23-12 (CABT-L610)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	CD20
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Monkey
Clone	TZ23-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC, IP
Molecular Weight	33 kDa
Cellular Localization	Cell membrane.
Positive Control	Raji, human tonsil tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

CD20 is a leukocyte surface antigen consisting of four transmembrane regions and cytoplasmic N- and C-termini. The cytoplasmic domain of CD20 contains multiple phosphorylation sites, leading to additional isoforms. CD20 is expressed primarily on B cells but has also been detected on both normal and neoplastic T cells. CD20 functions as a calcium-permeable cation channel, and it is known to accelerate the G0 to G1 progression induced by IGF-1. CD20 is activated by the IGF-1 receptor via the alpha subunits of the heterotrimeric G proteins. Activation of CD20 significantly increases DNA synthesis and is thought to involve basic helix-loop-helix leucine zipper transcription factors.

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**Keywords**

APY;ATOPY;B lymphocyte antigen CD20;B Lymphocyte Cell Surface Antigen B1;B-lymphocyte antigen CD20;B-lymphocyte cell-surface antigen B1;B-lymphocyte surface antigen B1;B1;Bp35;Bp35;CD 20;CD20;CD20 antigen;CD20 receptor;CD20\_HUMAN;CVID5;Fc epsilon receptor I beta chain;Fc Fragment of IgE high affinity I receptor for beta polypeptide;FCER1B;High affinity immunoglobulin epsilon receptor subunit beta;IgE Fc receptor subunit beta;IGEL;IGER;IGHER;LEU 16;LEU16;leukocyte surface antigen Leu 16;Leukocyte surface antigen Leu-16;Ly44;Membrane spanning 4 domains A1;Membrane spanning 4 domains subfamily A member 2;Membrane-spanning 4-domains subfamily A member 1;MS4A1;MS4A2;S7 antibody

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## GENE INFORMATION

**Entrez Gene ID**

[4602](#)

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