

Product Datasheet

CD21 Antibody (orb43944)

Catalog Number	orb43944
Category	Antibodies
Description	Mouse Monoclonal to CD21.
Target	CD21
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Human, Porcine
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	IM9 human B-lymphoblastoid cell line
UniProt ID	P20023
RRID	AB_10998485
Tested applications	FC, IHC-Fr
Application notes	Flow cytometry: Recommended dilution: 1-5 µg/ml.

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Specificity

The antibody LT21 reacts with an extracellular epitope of CD21 (CR2), a 145 kDa transmembrane glycoprotein (complement C3d receptor - C3dR) expressed on B lymphocytes, follicular dendritic cells, some epithelial cells and a subsets of T lymphocytes. It is not expressed on immature B cells.

Antibody Type

Primary Antibody

Clone Number

LT21

Storage

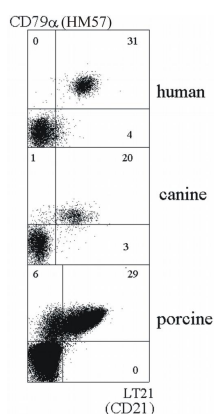
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

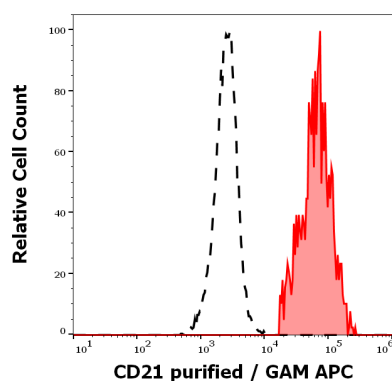
For research use only

Entrez

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Flow cytometry (surface staining) of human, canine and porcine B lymphocytes with anti-CD79a (HM57) and anti-CD21 (LT21) antibody.



Separation of human CD21 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD21 (LT21) purified antibody (concentration in sample 1 µg/ml) GAM APC.

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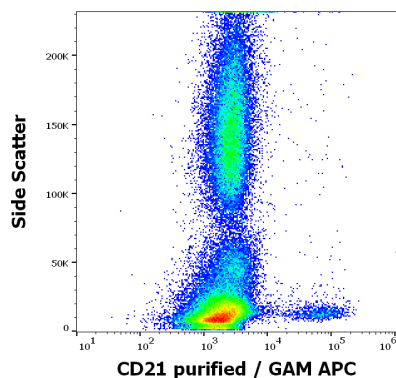
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Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD21 (LT21) purified antibody (concentration in sample 1 µg/ml) GAM APC.

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