



# Magic™ Anti-CD19 monoclonal antibody, clone ID38 (DMAB5171MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Anti-CD19 is a purified monoclonal mouse antibody conjugated with allophycocyanin (APC). Anti-CD19 is intended for use in flow cytometry. Each vial contains 100 tests.
<b>Specificity</b>	Anti-CD19 was included in the Second, Third, Fourth and Fifth International Workshops and Conferences on Human Leucocyte Differentiation Antigens and studies by a number of laboratories confirmed its reactivity with CD19. Anti-CD19 labels human B cells in peripheral blood, bone marrow and other tissues. The antibody was shown to be unreactive with other cells in the human haematopoietic system and did not react with nonhaematopoietic cells, e.g. in kidney, liver, breast or lung tissues. Anti-CD19 inhibits anti-Ig-induced B-cell activation and proliferation.
<b>Immunogen</b>	Hairy cell leukaemia cells.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	ID38
<b>Conjugate</b>	Unconjugated
<b>Format</b>	liquid form in buffer containing 1% bovine serum albumin (BSA) and 15 mmol/L NaN <sub>3</sub> , pH 7.2.
<b>Preservative</b>	15 mmol/L Sodium Azide
<b>Storage</b>	Store in the dark at 2°C-8°C. Do not use after expiration date stamped on vial. If reagents are stored under any conditions other than those specified, the conditions must be verified by the user. There are no obvious signs to indicate instability of

this product.

## GENE INFORMATION

Gene Name	<a href="#">CD19 molecule [ Homosapiens ]</a>
Official Symbol	CD19
Synonyms	CD19;CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; B-lymphocyte surfaceantigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12;CD_antigen=CD19; B4; CVID3; MGC12802; OTTHUMP00000122551
Entrez Gene ID	<a href="#">930</a>
Protein Refseq	<a href="#">NP_001171569</a>
UniProt ID	<a href="#">P15391</a>
Chromosome Location	16p11.2
Pathway	Adaptive ImmuneSystem; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway;BCR signaling pathway; Hematopoietic cell lineage; Immune System;Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;Primary immunodeficiency
Function	receptor signalingprotein activity