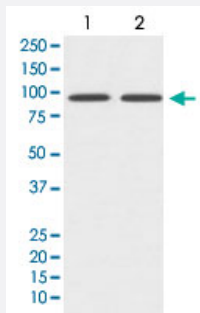


# CD19 monoclonal antibody, clone AOEB-3

Catalog # MAB19669      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of (1) Jurkat cell lysate, (2) Rat spleen lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human CD19.
<b>Immunogen</b>	A synthetic peptide corresponding to human CD19.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Flow Cytometry (1:50) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
<b>Storage Instruction</b>	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of (1) Jurkat cell lysate, (2) Rat spleen lysate.

- Flow Cytometry

## Gene Info — CD19

Entrez GeneID	<a href="#">930</a>
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Protein Accession#	<a href="#">P15391</a>
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Gene Name	CD19
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Gene Alias	B4, MGC12802
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Gene Description	CD19 molecule
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Omim ID	<a href="#">107265</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq]
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Other Designations	B-lymphocyte antigen CD19 CD19 antigen
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## Pathway

- [B cell receptor signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)

## Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Pemphigus](#)
- [Scleroderma](#)