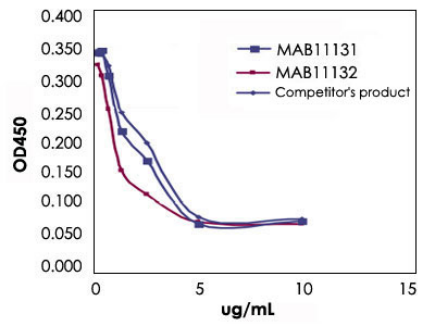
Anti-Rituximab monoclonal antibody, clone 10C5-3

Catalog # MAB11131 Size 100 ug

Applications



Blocking

Anti-Rituximab monoclonal antibody, clone 10C5 (Cat # MAB11131) and Anti-Rituximab monoclonal antibody, clone 2B11 (Cat # MAB11132) inhibits interaction of Rituximab and its antigen CD20 to the same level as the competitor's product.

Specification

Product Description	Mouse monoclonal antibody raised against F(ab)2 fragment of Rituximab. Target gene is CD20.
Immunogen	F(ab)2 fragment of Rituximab.
Host	Mouse
Specificity	This antibody is able to interfere the binding between Rituximab and CD20 peptide.
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	ELISA (2 ug/mL for coating) The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 8.0 (0.09% sodium azide).
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

- Enzyme-linked Immunoabsorbent Assay
- Blocking

  Anti-Rituximab monoclonal antibody, clone 10C5 (Cat # MAB11131) and Anti-Rituximab monoclonal antibody, clone 2B11 (Cat # MAB11132) inhibits interaction of Rituximab and its antigen CD20 to the same level as the competitor's product.

Gene Info — MS4A1

Entrez GeneID	931
Gene Name	MS4A1
Gene Alias	B1, Bp35, CD20, LEU-16, MGC3969, MS4A2, S7
Gene Description	membrane-spanning 4-domains, subfamily A, member 1
Omim ID	112210
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nasce nt protein family are characterized by common structural features and similar intron/exon splice bo undaries and display unique expression patterns among hematopoietic cells and nonlymphoid tis sues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq
Other Designations	B-lymphocyte cell-surface antigen B1|CD20 antigen|CD20 receptor

Publication Reference

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- Solutions to Avoid False Positives for Rituximab in Pre-Transplant Crossmatches.

  Argentina Colmenero Velazquez, Ignacio Iturrieta-Zuazo, Juan Luis Valdivieso Shephard, Marisa Di Natale, Claudia Rita, Rubén Ballester González, José Luis Castañer Alabau, Israel Nieto Gañán.

  Antibodies 2020 Aug; 9(3):E14.

  Application: Func, Human, Serum

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  Antibodies 2020 Aug; 9(3):41.

  Application: Crossmatch Blocking Assay, Human, Peripheral Blood Mononuclear Cells (PBMCs)

Pathway

- Hematopoietic cell lineage

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Lymphoma
- Neoplasm Recurrence
- Ovarian cancer

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