



Mouse Anti-Rituximab monoclonal antibody, clone 7D2 (CABT-ZB242)

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

PRODUCT INFORMATION

Product Overview	CABT-ZB242 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Rituximab.
Specificity	The product is specific for Rituximab.
Target	Rituximab
Immunogen	Rituximab
Isotype	IgG1
Source/Host	Mouse
Clone	7D2
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB242 - CABT-ZB243; CABT-ZB242 - CABT-ZB244 Recommended Working Concentration: 0.01-0.1 µg/ml
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
Format	Purified, Lyophilized.
Size	40 µg

Buffer	Lyophilized with PBS, pH 7.4, contains 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Rituximab (Rituxan) is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration for the treatment of hematological cancers and autoimmune diseases. When Rituximab binds to CD20 on the surface of normal and malignant B cells, natural killer (NK) cells is activated to destroy these B cells. It is therefore used to treat diseases with too many B cells, overactive B cells, or dysfunctional B cells.
Keywords	Mouse monoclonal antibody to Rituxan; RITUXIMAB; Anti-CD20 antibody; MabThera

GENE INFORMATION

Synonyms	Mouse monoclonal antibody to Rituxan; RITUXIMAB; Anti-CD20 antibody; MabThera
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