



Mouse Anti-Tocilizumab monoclonal antibody, clone 25C21 (CABT-ZB253)

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

PRODUCT INFORMATION

Product Overview	CABT-ZB253 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Tocilizumab.
Specificity	The product is specific for Tocilizumab.
Target	Tocilizumab
Immunogen	Tocilizumab
Isotype	IgG2b
Source/Host	Mouse
Clone	25C21
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB253 - CABT-ZB254; CABT-ZB253 - CABT-ZB255 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	Tocilizumab also known as atlizumab, is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration. It has a high affinity to IL-6R and blocks the IL-6 signaling by preventing the formation of the IL-6/IL-6R complex. Tocilizumab is used for the treatment of rheumatoid arthritis (RA) and systemic juvenile idiopathic arthritis, a severe form of arthritis in children.
Keywords	Mouse monoclonal antibody to Actemra; Tocilizumab; atlizumab

GENE INFORMATION

Synonyms	Mouse monoclonal antibody to Actemra; Tocilizumab; atlizumab
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