



# Rabbit Anti-Human CD300C monoclonal antibody, clone S183 (CABT-ZB456)

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

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human CD300C
<b>Target</b>	CD300C
<b>Immunogen</b>	Recombinant Human CD300C Protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S183
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB456 - CABT-ZB847 This antibody will detect CD300C in antibody pair set. [ABPR-ZB030]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD300C.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD300 is a glycoprotein family of cell surface molecules that regulate a diverse array of cellular processes via their triggering and inhibitory receptor functions. The CD300 family of myeloid immunoglobulin receptors includes activating(CD300b, CD300e) and inhibitory members(CD300a, CD300f), as well as CD300c and CD300d, whose function is uncertain.
<b>Keywords</b>	CD300C; CD300c molecule; CD300c antigen; CMRF35-like molecule 6

## GENE INFORMATION

<b>Synonyms</b>	CD300C; CD300c molecule; CD300c antigen; CMRF35-like molecule 6; CMRF 35A; CMRF35; CMRF35A; IGSF16; LIR; CMRF35 antigen
<b>Entrez Gene ID</b>	<a href="#">10871</a>
<b>UniProt ID</b>	<a href="#">Q08708</a>