



# Human Anti-Human CD40 (Sotigalimab) Monoclonal antibody, clone Sotigalimab (CABT-CS555)

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

## PRODUCT INFORMATION

<b>Specificity</b>	CD40
<b>Target</b>	CD40
<b>Isotype</b>	IgG4
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	Sotigalimab
<b>Purification</b>	Protein A
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4. Contains no stabilizers or preservatives
<b>Preservative</b>	None
<b>Storage</b>	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

# BACKGROUND

Introduction	The CD40 antigen is a single chain glycoprotein that is known to be a member of the tumor necrosis factor/nerve growth factor superfamily and shows a significant homology to the Hodgkin's disease associated antigen, CD30. CD40 is present on all B cells except plasma cells and is also found on some epithelial cells, carcinomas and lymphoid dendritic cells. CD40 has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation.
Keywords	CD40; Bp50; CDW40; MGC9013; TNFRSF5; p50