



Human Anti-Human CD40 (Lucatumumab) Monoclonal antibody, clone Lucatumumab (CABT-CS553)

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

PRODUCT INFORMATION

Specificity	CD40
Target	CD40
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Lucatumumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	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