



Human Anti-Human CD40L (Ruplizumab) Monoclonal Antibody, clone hu5c8 [Biosimilar] (CABT-Z682H)

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

PRODUCT INFORMATION

Product Overview	This is a reformatted human IgG1 antibody based on the therapeutic Fab fragment.
Immunogen	Human CD40L.
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	hu5c8
Purification	Protein A purified
Conjugate	Unconjugated
Applications	BL, WB, FC
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	PBS with 0.02% Proclin 300.
Preservative	None
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

BACKGROUND

Introduction

Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching. Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.

Keywords

CD40LG;CD40 ligand;HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome);CD40 antigen ligand;CD40L;CD154

GENE INFORMATION

Gene Name

CD40LG

Entrez Gene ID

[959](#)

UniProt ID

[P29965](#)
