



Human Anti-Human CD70 (vorsetuzumab biosimilar) Monoclonal antibody, clone vorsetuzumab (CABT-CS357)

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

PRODUCT INFORMATION

Specificity	CD70
Target	CD70
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	vorsetuzumab
Purification	Purified from cell culture supernatant by affinity chromatography
Conjugate	unconjugated
Applications	ELISA, FC
Reconstitution	Reconstitute with deionized water
Format	Powder
Size	50 µg, 100 µg
Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative	0.1% Procline 300

Storage

Store at -20°C (Avoid repeated freezing and thawing)

BACKGROUND

Introduction

Human CD27 Ligand (also CD70 and TNFSF7) is a 30 kDa type 2 transmembrane glycoprotein that is a member of the TNF superfamily. It contains a 20 amino acid (aa) cytoplasmic region and a 155 aa extracellular domain that shows multiple beta -strands. It is an inducible trimer that occurs on B cells, T cells, and NK cells. It regulates T cell dependant B cell differentiation into plasma cells and likely to promotes clonal expansion of T cells. Human CD27 Ligand extracellular region is 64% aa identical to mouse and rat CD27 Ligand extracellular regions.

Keywords

CD70; CD27L; CD27LG; TNFSF7

GENE INFORMATION

Entrez Gene ID

970
