



# 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

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

---