



# Human Anti-Human CD70 (Cusatuzumab) Monoclonal antibody, clone Cusatuzumab (CABT-CS558)

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>	Cusatuzumab
<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	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