



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

Specificity	CD70
Target	CD70
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Cusatuzumab
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

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