



Human Anti-Human CD138 (indatuximab ravtansine biosimilar) Monoclonal antibody, clone indatuximab ravtansine (CABT-CS364)

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

PRODUCT INFORMATION

Specificity	SDC1
Target	SDC1
Isotype	IgG4
Source/Host	Chimeric
Species Reactivity	Human
Clone	indatuximab ravtansine
Purification	Purified from cell culture supernatant by affinity chromatography
Conjugate	unconjugated
Applications	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

CD138 (syndecan 1) is a transmembrane proteoglycan that can bind a variety of cytokines and modulate their activity, as well as the activity of extracellular matrix components and influence many developmental processes. CD138 is expressed mainly in differentiating keratinocytes and is transiently upregulated in all layers of the epidermis upon tissue injury. It is also highly expressed on plasma cells and can be detected even on fibroblasts, vascular smooth muscle cells and endothelial cells. Up-regulation and down-regulation of CD138 on the cell surface often correlates with the gain of cancerous characteristics. Serum levels of the shedded soluble sCD138 are used as a prognostic factor of cancerogenesis.

Keywords

SDC1; Syndecan-1; CD138; SYND1; SDC

GENE INFORMATION

Entrez Gene ID

6382
