



Human Anti-Human CD22 (pinatuzumab biosimilar) Monoclonal antibody, clone pinatuzumab (CABT-CS376)

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

PRODUCT INFORMATION

Specificity	CD22
Target	CD22
Isotype	IgG1
Source/Host	Humanized
Species Reactivity	Human
Clone	pinatuzumab
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

CD22 (BL-CAM) is a type 1 integral membrane glycoprotein with molecular weight of 130 to 140 kDa. CD22 is expressed in both the cytoplasm and cell membrane of B-lymphocytes. CD22 antigen appears early in B-cell lymphocyte differentiation at approximately the same stage as the CD19 antigen. Unlike other B-cell markers, CD22 membrane expression is limited to the late differentiation stages comprised between mature B cells (CD22+) and plasma cells (CD22-), and may thus prove useful in phenotyping mature leukemias. CD22 is also strongly expressed in hairy cell leukemia.

Keywords

CD22; SIGLEC2; BL-CAM; SIGLEC-2; Siglec2; SIGLEC2FLJ22814

GENE INFORMATION

Entrez Gene ID

933
