



Human Anti-Human B7-H3 (enoblituzumab biosimilar) Monoclonal antibody, clone enoblituzumab (CABT-CS360)

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

PRODUCT INFORMATION

Specificity	CD276
Target	CD276
Isotype	IgG1
Source/Host	Humanized
Species Reactivity	Human
Clone	enoblituzumab
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

CD276 is a member of the B7 family of co-stimulatory molecules also known as B7-H3. CD276 is a type I transmembrane protein that induces the proliferation of CD4+ and CD8+ T cells, enhances the generation of cytotoxic T cells and selectively stimulates the production of interferon gamma. Expression of CD276 can be induced on dendritic cells and monocytes by inflammatory cytokines, and is also widely expressed in peripheral tissues including the heart, kidney, testis and colon. In humans, CD276 exists as two isoforms which result from gene duplication and differential splicing. CD276 is reported to have therapeutic potential for the regulation of cell-mediated immune responses to cancer, particularly in conjunction with anti-angiogenic therapy.

Keywords

B7-H3; CD276; B7 homolog 3

GENE INFORMATION

Entrez Gene ID

80381
