



Human Anti-Human BTLA (icatolimab biosimilar) Monoclonal antibody, clone icatolimab (CABT-CS393)

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

PRODUCT INFORMATION

Specificity	BTLA
Target	BTLA
Isotype	IgG4
Source/Host	Chimeric
Species Reactivity	Human
Clone	icatolimab
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

BTLA or B and T-lymphocyte attenuator is a member of the co-inhibitory receptors of the CD28 superfamily. BTLA is a lymphocyte inhibitory receptor which inhibits lymphocytes during immune responses. BTLA is constitutively expressed on most CD4+ and CD8+ T cells and its expression progressively decreases upon T cell activation. It remains expressed on Th1 cells, but not Th2 cells. BTLA is a unique co-receptor that interacts with the tumor necrosis factor receptor superfamily member herpesvirus entry mediator (HVEM). This interaction is an important pathway regulating lymphocyte activation and/or homeostasis in the immune response.

Keywords

BTLA; CD272

GENE INFORMATION

Entrez Gene ID

151888
