



Human Anti-Human NKG2D (tesnatilimab biosimilar) Monoclonal antibody, clone tesnatilimab (CABT-CS384)

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

PRODUCT INFORMATION

Specificity	NKG2D
Target	NKG2D
Isotype	IgG4
Source/Host	Human
Species Reactivity	Human
Clone	tesnatilimab
Purification	Purified from cell culture supernatant by affinity chromatography
Conjugate	unconjugated
Applications	ELISA
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

Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. NK cells can regulate specific humoral and cell-mediated immunity, and preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. The NK gene encodes a member of the NKG2 family, and the encoded transmembrane protein is characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed in NK cells.

Keywords

NKG2D; CD314; KLRK1; NK cell receptor D

GENE INFORMATION

Entrez Gene ID

574240
