



Human Anti-Human PD-L1 (Durvalumab) Monoclonal antibody, clone Durvalumab (CABT-CS599)

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

PRODUCT INFORMATION

Specificity	CD274
Target	CD274
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Durvalumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

Introduction

Programmed death receptor ligand 1 (PD-L1, also called B7-H1) is a recently described B7 family member. To date, one specific receptor has been identified that can be ligated by PD-L1. This receptor, programmed death receptor 1 (PD-1), has been shown to negatively regulate T-cell receptor (TCR) signaling. Upon ligating its receptor, PD-L1 has been reported to decrease TCR-mediated proliferation and cytokine production. PD-L1 expression was found to be abundant on many murine and human cancers and could be further up-regulated upon IFN-gamma stimulation. Thus, PD-L1 might play an important role in tumor immune evasion.

Keywords

CD274; CD274 molecule; B7-H; B7H1; PDL1; PD-L1; PDCD1L1; B7-H1