



Human Anti-Human VISTA (Onvatilimab) Monoclonal antibody, clone Onvatilimab (CABT-CS602)

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

PRODUCT INFORMATION

Specificity	C10ORF54
Target	C10ORF54
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Onvatilimab
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

VISTA (V-domain Ig containing suppressor of T-cell activation), also known as B7-H5 or PD-1H, is a product of the VSIR gene. Although VISTA bears sequence homology to PD-L1 it has a different expression pattern. In both mouse and humans, VISTA is expressed predominantly on hematopoietic cells with the highest densities on myeloid cells, and lower levels on T cells. It is usually absent on B cells. VISTA expressed by antigen presenting cells has been shown to directly suppress proliferation and cytokine production of CD4 and CD8 T cells, making it a target for cancer immunotherapy. The reported ligands of VISTA include CD28H, VSIG-3 and VSIG-8.

Keywords

VISTA; C10ORF54; B7-H5; PD-1H