10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-B7-H5 / VISTA Reference Antibody (onvatilimab)

Recombinant Antibody
Catalog # APR10265

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q9H7M9
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	33908

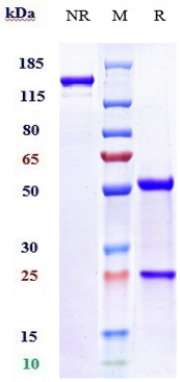
Additional Information

Target/Specificity	B7-H5 / VISTA
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

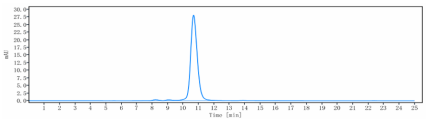
Protein Information

Name	VSIR (HGNC:30085)
Function	Immunoregulatory receptor which inhibits the T-cell response (PubMed:24691993). May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling (By similarity). May stimulate MMP14- mediated MMP2 activation (PubMed:20666777).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in spleen. Detected on a number of myeloid cells including CD11b monocytes, CD66b+ neutrophils, at low levels on CD4+ and CD8+ T-cells, and in a subset of NK cells. Not detected on B cells (at protein level). Expressed at high levels in placenta, spleen, plasma blood leukocytes, and lung. Expressed at moderate levels in lymph node, bone marrow, fat, uterus, and trachea Has low expression levels in other tissues

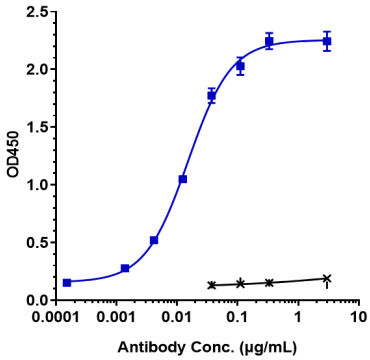
Images



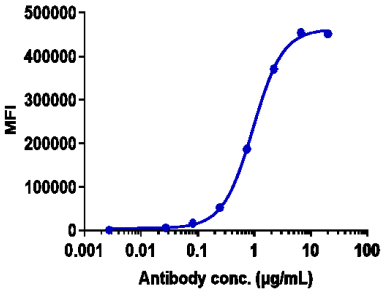
Anti-B7-H5 / VISTA Reference Antibody (onvatilimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-B7-H5 / VISTA Reference Antibody (onvatilimab)is more than 98.11% ,determined by SEC-HPLC.



Immobilized human B7-H5 / VISTA His at 2 μg/mL can bind Anti-B7-H5 / VISTA Reference Antibody (onvatilimab),EC50=0.01513 μg/mL



Human B7H5 CHO-K cells were stained with Anti-B7-H5 / VISTA Reference Antibody (onvatilimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC328=0.9471 μg/mL