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

Recombinant Antibody
Catalog # APR10265

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | Q9H7M9 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Calculated MW** | 33908 |

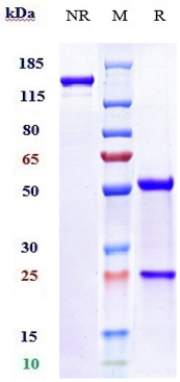
## Additional Information

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

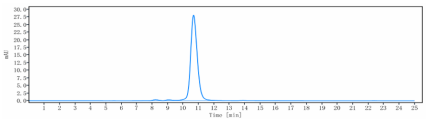
## Protein Information

| | |
|---|---|
| **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 |

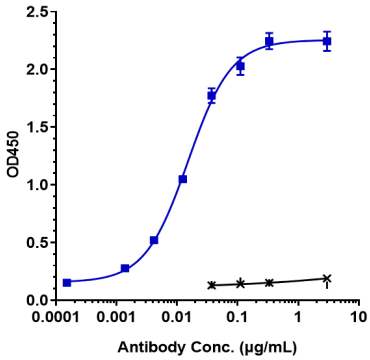
## Images



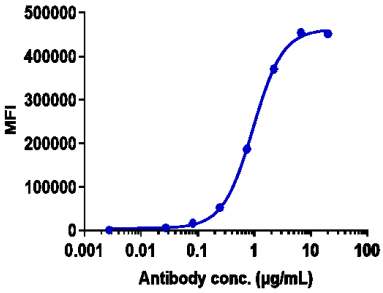

Anti-B7-H5 / VISTA Reference Antibody (onvatilimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



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




Immobilized human B7-H5 / VISTA His at 2 ug/mL can bind Anti-B7-H5 / VISTA Reference Antibody (onvatilimab), EC50=0.01513 ug/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, EC50=0.9471 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.