Data Sheet (Cat.No.TMAY-02587F)

TargetMol

Anti-VISTA Antibody-FITC (5Q796)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	FITC
Clone:	5Q796
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human B7-H5(C10orf54) expression on human whole blood Granulocytes. Cells were stained with FITC-conjugated anti-Human B7-H5(C10orf54). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable Granulocytes.
Application:	FCM
Recommended	10 μl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human VISTA Protein (TMPY-03219)
Antigen Species:	Human
Synonyms:	PD-1H;VISTA;C10orf54;DD1alpha;PP2135;SISP1;B7H5;V-set immunoregulatory receptor;GI24;B7-H5;DD1α

Research Background

VSIR (V-Set Immunoregulatory Receptor, also known as VISTA) is a Protein Coding gene. VISTA is an immunoregulatory receptor that inhibits the T-cell response. It may promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling. VSIR, or V-set immunoregulatory receptor, could be involved in the pathogenesis of chronic rhinosinusitis with nasal polyps. V-domain Immunoglobulin Suppressor of T cell Activation (VISTA) is an inhibitory immune-checkpoint molecule that suppresses CD4+ and CD8+ T cell activation when expressed on antigen-presenting cells. VSIR is broadly expressed in the spleen, bone marrow, and other tissues. Diseases associated with VSIR include Ichthyosis, Congenital, Autosomal Recessive 6, and Monckeberg Arteriosclerosis. An important paralog of this gene is VSIG8.

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