

Anti-VISTA Antibody (5Q796)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
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 purified anti-Human B7-H5(C10orf54), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable Granulocytes.
Application:	FCM
Recommended	FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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