

Product Name: B7H4 Mouse Monoclonal Antibody**Catalog #: AMM82179**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	30.9kDa

Antigen Information

Gene Name	B7H4
Alternative Names	VTCN1; B7X; B7S1; B7-H4; B7h.5; VCTN1; PRO1291
Gene ID	79679.0
SwissProt ID	Q7Z7D3
Immunogen	Purified recombinant fragment of human B7H4 (AA: extra 25-259) expressed in HEK293 cells.

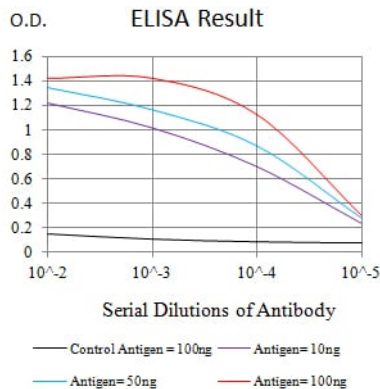
Background

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on

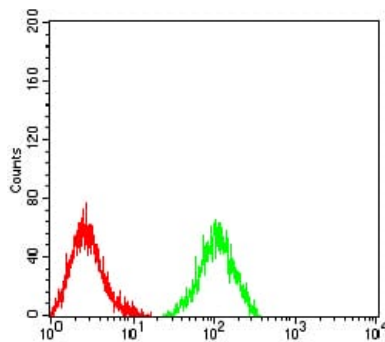
chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of HL-60 cells using B7H4 mouse mAb (green) and negative control (red).