



[Go to Product page](#)

Datasheet for ABIN1098109

anti-CD5 antibody (AA 27-233)

4 Images

2 Publications

Overview

Quantity:	0.1 mg
Target:	CD5
Binding Specificity:	AA 27-233
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD5 (AA: 27-233) expressed in E. coli.
Clone:	6A11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD5
Alternative Name:	CD5 (CD5 Products)
Background:	Description: The human cd5 gene has two alternative exons 1: exon 1A (E1A) which encodes the full-length (FL) CD5 protein and exon 1B (E1B) which encodes a truncated (TR) isoform. The FL variant of CD5 protein is translocated to the plasma membrane, while its TR variant is retained in the cytoplasm.

Target Details

Aliases: T1, LEU1

Molecular Weight: 54.6 kDa

Gene ID: 921

HGNC: 921

Application Details

Application Notes: ELISA: 1:10000, WB: 1:250, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

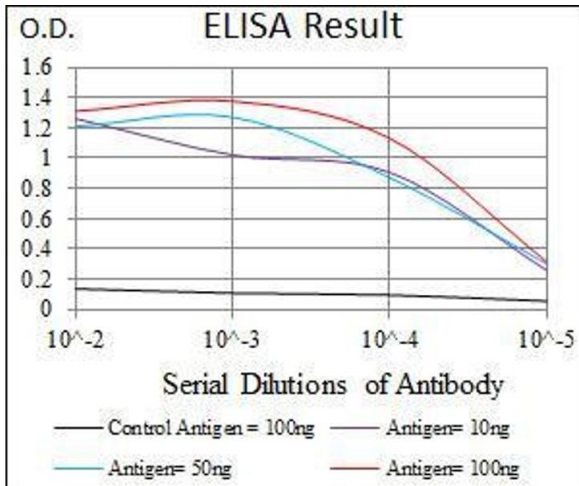
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

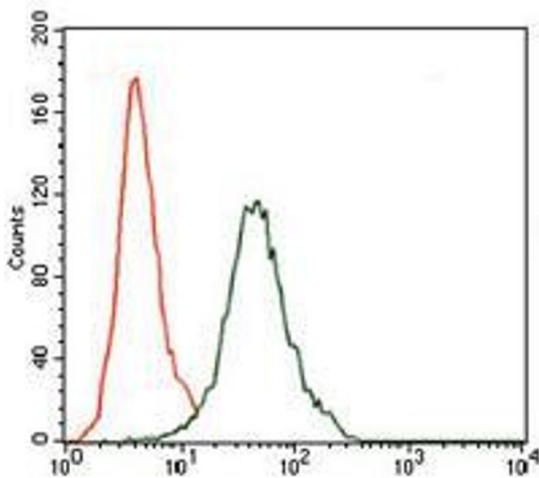
Product cited in: Chu, Lin, Hendel, Kulpa, Brownsey, Johnson: "ATP-citrate lyase reduction mediates palmitate-induced apoptosis in pancreatic beta cells." in: **The Journal of biological chemistry**, Vol. 285, Issue 42, pp. 32606-15, (2010) ([PubMed](#)).

Beckner, Fellows-Mayle, Zhang, Agostino, Kant, Day, Pollack: "Identification of ATP citrate lyase as a positive regulator of glycolytic function in glioblastomas." in: **International journal of cancer. Journal international du cancer**, Vol. 126, Issue 10, pp. 2282-95, (2010) ([PubMed](#)).



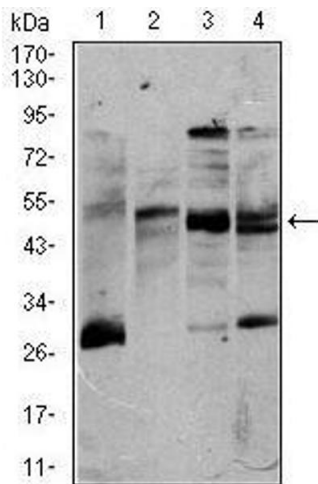
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of Jurkat cells using CD5 mouse mAb (green) and negative control (red).



Western Blotting

Image 3. Western blot analysis using CD5 mouse mAb against K562 (1), Jurkat (2), Raji (3), and MOLT4 (4) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1098109.