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Datasheet for ABIN7193694
anti-CD21 antibody (AA 740-964)

5 Images

Overview

Quantity:	0.1 mg
Target:	CD21 (CR2)
Binding Specificity:	AA 740-964
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD21 (AA: extra 740-964) expressed in E. coli.
Clone:	2D2H6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)
Background:	Description: This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated

Target Details

with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Aliases: CR2, CR, C3DR, CVID7, SLEB9

Molecular Weight: 112.9 kDa

Gene ID: 1380

Pathways: [Complement System](#)

Application Details

Application Notes: WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

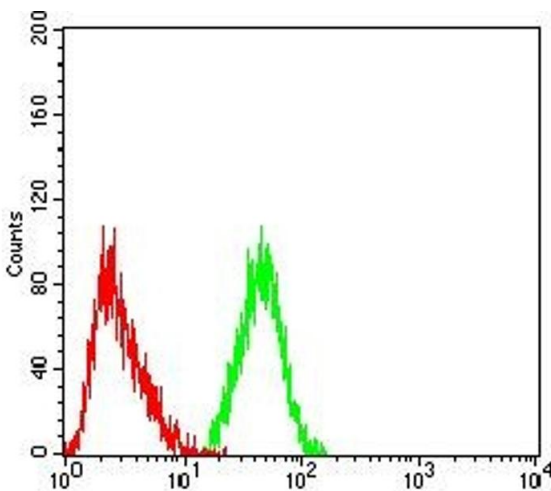
Preservative: Sodium azide

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

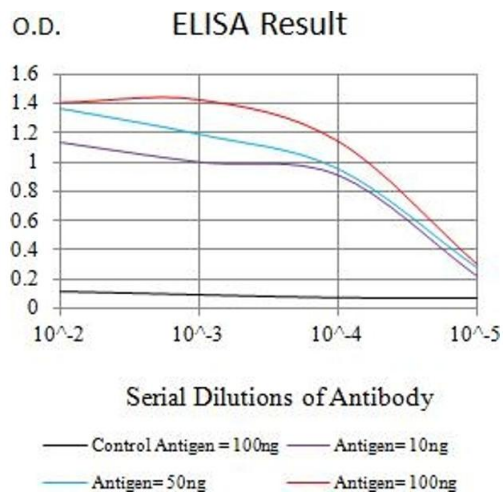
Storage Comment: 4°C, -20°C for long term storage

Images



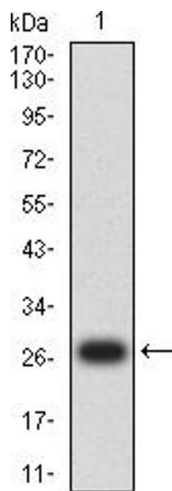
Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using CD21 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD21 mAb against human CD21 (AA: extra 740-964) recombinant protein. (Expected MW is 27.6 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193694.