

Datasheet for ABIN656709
anti-CD276 antibody (C-Term)

5 Images

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Overview

Quantity:	400 µL
Target:	CD276
Binding Specificity:	AA 493-522, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD276 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This CD276 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-522 amino acids from the C-terminal region of human CD276.
Clone:	RB31111
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CD276
Alternative Name:	CD276 (CD276 Products)

Target Details

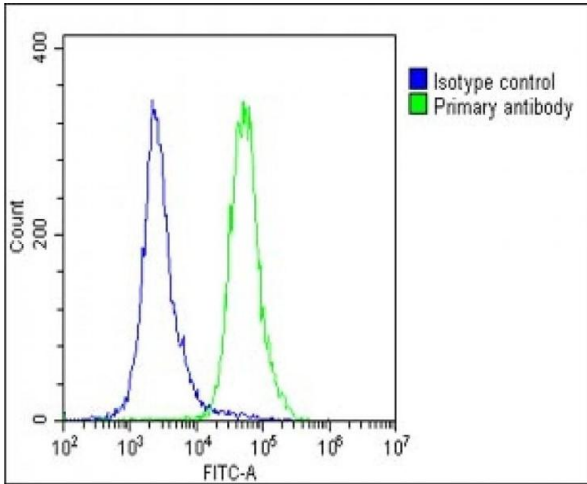
Background:	Costimulatory B7 Molecules (e.g., B7-1, or CD80, MIM 112203) signal through CD28 (MIM 186760) family molecules such as CD28, CTLA4 (MIM 123890), and ICOS (MIM 604558).
Molecular Weight:	57235
Gene ID:	80381
NCBI Accession:	NP_001019907 , NP_079516
UniProt:	Q5ZPR3
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P-Leica: 1:500. IHC-P-Leica: 1:500. FC: 1:25
Restrictions:	For Research Use only

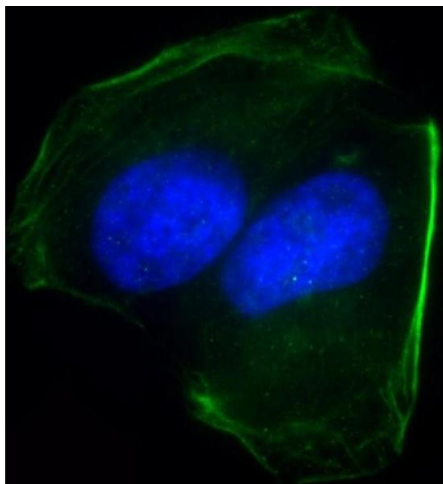
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	CD276 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



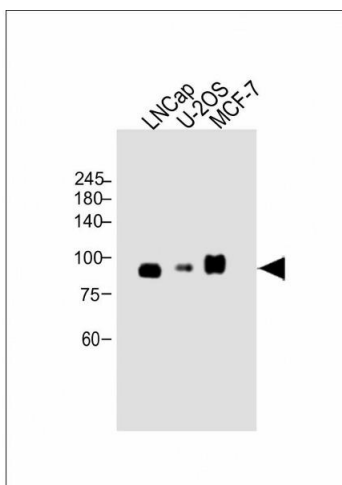
Flow Cytometry

Image 1. Overlay histogram showing U-2 OS cells stained with (ABIN656709 and ABIN2845939)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN656709 and ABIN2845939), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Immunofluorescence

Image 2. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized U-2OS cells labeling C with (ABIN656709 and ABIN2845939) at 1/25 dilution, followed by DyLight® 488-conjugated goat anti-Rabbit IgG (OH191631) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing membrane staining on U-2OS cell line. Cytoplasmic actin is detected with DyLight® 554 Phalloidin (1186255) at 1/500 dilution (red). The nuclear counter stain is DAPI (blue).



Western Blotting

Image 3. All lanes : Anti-C Antibody (C-term) at 1:1000 dilution Lane 1: LNCap whole cell lysate Lane 2: U-2OS whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 90 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN656709.