



Product datasheet

FITC Anti-CD276 antibody [06] ab275660

[1 References](#) [1 Image](#)

Overview

Product name	FITC Anti-CD276 antibody [06]
Description	FITC Mouse monoclonal [06] to CD276
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (His-tag) corresponding to Human CD276 aa 1-500 (extracellular). Polyhistidine tag at the C-terminus. Database link: Q5ZPR3
	<div>  Run BLAST with  Run BLAST with </div>
Positive control	Flow cyt: PC3 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 0.5% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	06
Isotype	IgG2b

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab275660 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. 10 µl/Test

Target

Function

May participate in the regulation of T-cell-mediated immune response. May play a protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. May be involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. Could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy. Both isoform 1 and isoform 2 appear to be redundant in their ability to modulate CD4 T-cell responses. Isoform 2 is shown to enhance the induction of cytotoxic T-cells and selectively stimulates interferon gamma production in the presence of T-cell receptor signaling.

Tissue specificity

Ubiquitous but not detectable in peripheral blood lymphocytes or granulocytes. Weakly expressed in resting monocytes. Expressed in dendritic cells derived from monocytes. Expressed in epithelial cells of sinonasal tissue. Expressed in extravillous trophoblast cells and Hofbauer cells of the first trimester placenta and term placenta.

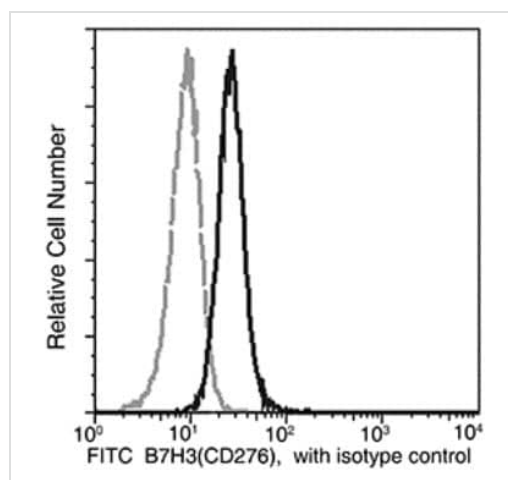
Sequence similarities

Belongs to the immunoglobulin superfamily. BTN/MOG family.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Contains 2 Ig-like V-type (immunoglobulin-like) domains.

Cellular localization

Membrane.

Images



Flow cytometric analysis of PC3 (human prostate adenocarcinoma cell line) cells labeling CD276 with ab275660 (Black) compared with an isotype control (Grey).

Flow Cytometry - FITC Anti-CD276 antibody [06]
(ab275660)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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