



Product datasheet

APC Anti-IL-13 receptor alpha 2 antibody [018] ab275600

Recombinant

[2 Images](#)

Overview

Product name	APC Anti-IL-13 receptor alpha 2 antibody [018]
Description	APC Rabbit monoclonal [018] to IL-13 receptor alpha 2
Host species	Rabbit
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (His-tag) corresponding to Human IL-13 receptor alpha 2 aa 1-350 (extracellular). NP_000631.1. Polyhistidine tag at the C-terminus. Database link: Q14627
	 Run BLAST with  Run BLAST with
Positive control	Flow cyt: A-375 cells.

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	018
Isotype	IgG

Applications

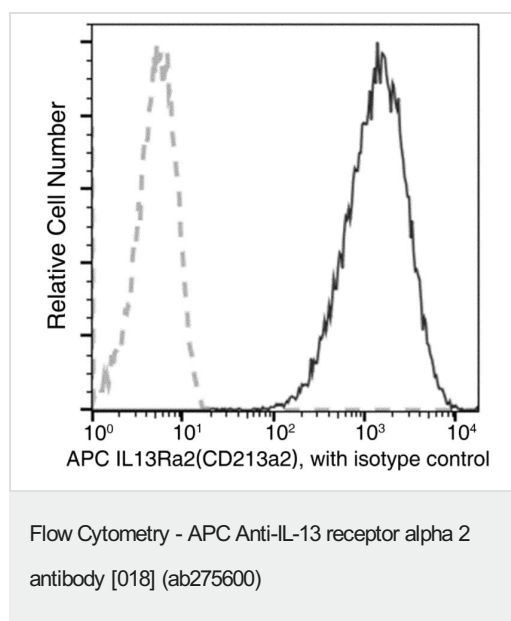
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab275600 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. 5 µl/Test

Target

Function	Binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4).
Sequence similarities	Belongs to the type I cytokine receptor family. Type 5 subfamily. Contains 1 fibronectin type-III domain.
Domain	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation.
Cellular localization	Membrane.

Images



Flow cytometric analysis of A-375 (human malignant melanoma cell line) cells labeling IL-13 receptor alpha 2 with ab275600 (Black) compared with an isotype control (Grey). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

APC Anti-IL-13 receptor alpha 2 antibody [018]
(ab275600)

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