

Product datasheet

APC Anti-Semaphorin 4D/CD100 antibody [010] ab275726

Recombinant

[2 Images](#)

Overview

Product name	APC Anti-Semaphorin 4D/CD100 antibody [010]
Description	APC Rabbit monoclonal [010] to Semaphorin 4D/CD100
Host species	Rabbit
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment (His-tag) corresponding to Mouse Semaphorin 4D/CD100 aa 1-733 (extracellular). Including signal peptide. Database link: O09126
Positive control	Flow Cyt: Mouse splenocytes.

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	010
Isotype	IgG

Applications

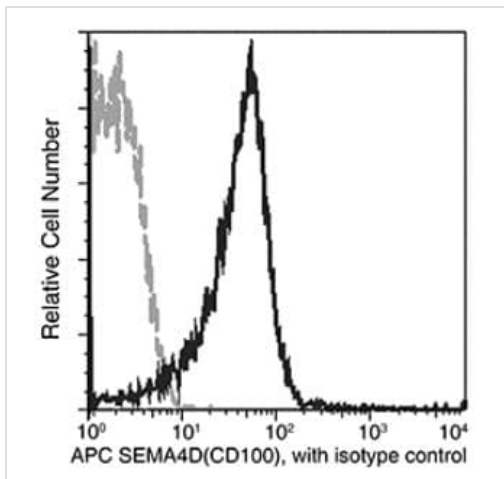
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab275726 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	May play a functional role in the immune system, as well as in the nervous system. Induces B-cells to aggregate and improves their viability in vitro.
Tissue specificity	Strongly expressed in skeletal muscle, peripheral blood lymphocytes, spleen, and thymus and also expressed at lower levels in testes, brain, kidney, small intestine, prostate, heart, placenta, lung and pancreas, but not in colon and liver.
Sequence similarities	Belongs to the semaphorin family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 PSI domain. Contains 1 Sema domain.
Cellular localization	Membrane.

Images



Flow cytometric analysis of mouse splenocytes labeling Semaphorin 4D/CD100 with ab275726 at 10 µl/Test (Black) compared with isotype control (Grey).

Flow Cytometry - APC Anti-Semaphorin 4D/CD100 antibody [010] (ab275726)

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-Semaphorin 4D/CD100 antibody [010]
(ab275726)

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

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