abcam

ab88033

FITC Anti-PSGL-1 antibody [TC2]

Anti-PSGL-1 antibody [TC2] conjugated to FITC - suitable for flow cytometry, and reacts with human samples. Clone [TC2] is a mouse monoclonal antibody.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	FITC
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing SELPLG protein. The exact immunogen used to generate this antibody is proprietary information. Database link Q14242
Clone number	TC2
Purification technique	Size-exclusion chromatography
Specificity	Reacts with PSGL-1, a 220 kDa type I integral membrane protein expressed as disulfide-linked homodimer (sialomucin family). PSGL-1 is present on the most peripheral blood T lymphocytes, monocytes, granulocytes; it is also expressed on a subpopulation of B lymphocytes and CD34+ bone marrow cells.
Purification notes	Size exclusion chromatography

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	20 µL for 10^6 Cells
Notes	ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target data

See full target information SELPLG

Function	A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture. (Microbial infection) Acts as a receptor for enterovirus 71.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

The purified antibody(>95% by SDS-PAGE) is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

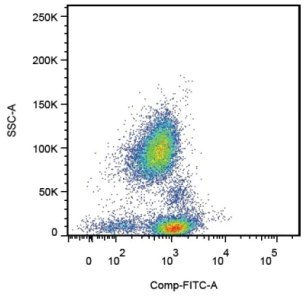
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

1 product image



Flow Cytometry - FITC Anti-PSGL-1 antibody [TC2] (ab88033)

PSGL-1 Flow Cytometry staining using mouse Anti-PSGL-1 antibody

ah88033 detecting PSGL-1 in Human peripheral blood cells by Flow cytometry

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.