abcam

ab30401

FITC Anti-CD42b antibody [AK2]

Anti-CD42b antibody [AK2] conjugated to FITC - suitable for flow cytometry, and reacts with human samples. Clone [AK2] is a mouse monoclonal antibody cited in 10 publications.

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: 0.09% Sodium azide Constituents: PBS, 1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing GP1BA protein. The exact immunogen used to generate this antibody is proprietary information. Database link P07359
Clone number	AK2
Purification technique	Affinity purification Protein G
Epitope	Epitope recognized by the antibody has been mapped to the first leucine rich repeat of CD42b (residues 36-59).
Concentration	0.1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	Use neat - 1/10. Use 10µl of the suggested working dilution to label 100µl whole blood. ab91356 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target data

See full target information GP1BA

Function	GP-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium.

Storage

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

Notes

Clone AK2 has been reported to block the binding of von Willebrand Factor (VWF) to platelets.

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

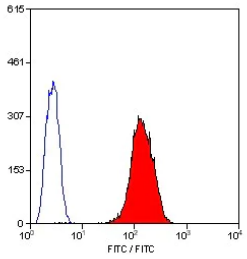
We do not recommend this combination. It is not covered by our product promise.

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-CD42b antibody [AK2] (ab30401)

CD42b Flow Cytometry staining using mouse Anti-CD42b antibody

FACS analysis of CD42b expressing cells in human peripheral blood platelets using ab30401.

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