abcam

ab30400

Biotin Anti-CD42b antibody [AK2]

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

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	Biotin
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
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 or 10µl for 100µl of whole blood.

ab18434 - 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 duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Storage information	Avoid freeze / thaw cycle

Notes

Clone AK2 has been reported to block the binding of von Willebrand Factor 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.

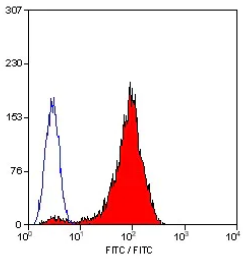
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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 - Biotin Anti-CD42b antibody [AK2] (ab30400)

CD42b Flow Cytometry staining using mouse Anti-CD42b antibody

Flow cytometric analysis of CD42b expressing cells in human periferal blood platelets using ab30400.

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