abcam

ab206636

Anti-CD41 antibody [MWReg30] - Low endotoxin, Azide free

Key facts

Isotype	IgG1
Host species	Rat
Storage buffer	pH: 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing Itga2b protein. The exact immunogen used to generate this antibody is proprietary information. Database link Q9QUM0
Carrier free	Yes
Clone number	MWReg30
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	ab206636 was purified from cell culture supernatant.Purity: > 95% (by SDS-PAGE).

Reactivity data

Flow Cyt

Tested

Species	Mouse
Dilution info	1-4 µg/mL

Notes	-

Target data

See full target information Itga2b

Function	Integrin alpha-IIb/beta-3 (ITGA2B:ITGB3) is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain (By similarity). Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen (By similarity). This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface (By similarity). Integrin ITGA2B:ITGB3 is also the receptor of erythrocyte-specific ICAM4 ligand involved in heterotypic cell-cell adhesion between erythrocytes and activated platelets (By similarity).

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
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Endotoxin level is less than 0.01 EU/μg of the protein, as determined by the LAL test.

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.

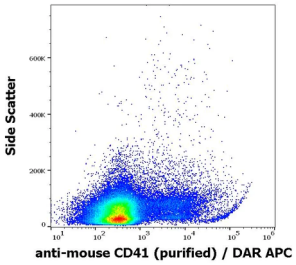
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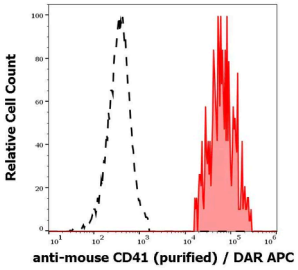
2 product images



Flow Cytometry - Anti-CD41 antibody [MWReg30] - Low endotoxin, Azide free (ab206636)

CD41 Flow Cytometry staining using rat Anti-CD41 antibody

Flow cytometry surface staining pattern of murine splenocytes stained using ab206636



Flow Cytometry - Anti-CD41 antibody [MWReg30] - Low endotoxin, Azide free (ab206636)

CD41 Flow Cytometry staining using rat Anti-CD41 antibody

Separation of murine CD41 negative splenocytes (red-filled) from CD41 positive thrombocytes (black-dashed) in flow cytometry analysis (surface staining) of murine splenocyte suspension stained using ab206636

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