abcam

ab171209

Anti-CD40 antibody [HM40-3] - Low endotoxin, Azide free

Key facts

Isotype	IgM
Host species	Armenian hamster
Storage buffer	pH: 7.2 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Carrier free	Yes
Clone number	HM40-3
Purification technique	Affinity purification Protein G
Specificity	ab171209 has also been reported in inhibition of binding of soluble CD154 to CD40 and in vitro activation of B cells.
Light chain type	kappa

Reactivity data

Flow Cyt

Tested

Species	Mouse
Dilution info	1 µg for 10^5-10^8 Cells
Notes	In a final volume of 100 µl.

Target data

See full target information Cd40

Function	Receptor for TNFSF5/CD40LG (By similarity). Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion (PubMed:12881420).

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: Less than 0.001 ng/µg antibody, as determined by the LAL assay.

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

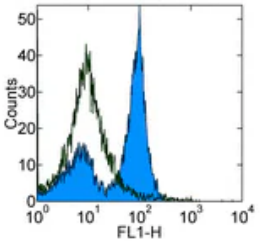
We do not recommend this combination. It is not covered by our product promise.

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.

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Terms & Conditions.

1 product image



Flow Cytometry - Anti-CD40 antibody [HM40-3] - Low endotoxin, Azide free (ab171209)

CD40 Flow Cytometry staining using armenian hamster Anti-CD40 antibody

Flow cytometric analysis of BALB/c splenocytes with 0.5 µg Armenian Hamster IgG isotype control (open histogram) or 0.5 µg ab171209 (filled histogram) followed by Anti-Armenian Hamster IgM FITC. Total viable cells were used for analysis.

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