abcam

ab328419

Anti-mPlum antibody

Key facts

Host species	Rabbit
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Polyclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Purification technique	Affinity purification Protein A
Specificity	The rabbit polyclonal antibody PAb (919) recognizes a far red fluorescent protein tag mPlum.

Reactivity data

Flow Cyt

Tested

Species	Transfected cell line - Discosoma sp. LW-2004
Dilution info	1-4 µg/mL
Notes	-

Predicted

Species	Discosoma sp. LW-2004
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Transfected cell line - Discosoma sp. LW-2004
Dilution info	1-4 µg/mL
Notes	-

Predicted

Species	Discosoma sp. LW-2004
Dilution info	-
Notes	-

WB

Tested

Species	Transfected cell line - Discosoma sp. LW-2004
Dilution info	1-2 µg/mL
Notes	-

Predicted

Species	Discosoma sp. LW-2004
Dilution info	-
Notes	-

Target data

See full target information mPlum

Storage

Shipped at conditions	Ambient - Can Ship with Ice

Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze

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

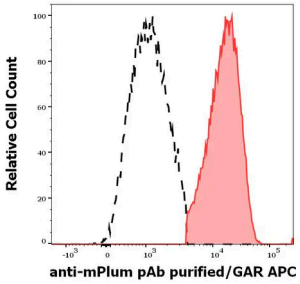
We do not recommend this combination. It is not covered by our product promise.

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.

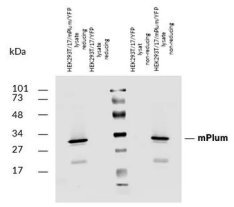
2 product images



Flow Cytometry - Anti-mPlum antibody (ab328419)

MPlum Flow Cytometry staining of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs using rabbit Anti-mPlum antibody

Separation of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs stained ab328419 (concentration in sample 2 µg/ml, GAR APC, red-filled) from HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs unstained by primary polyclonal antibody (GAR APC, black-dashed) in flow cytometry analysis (surface staining) of HEK293T17/mPlum/YFP cell suspension.



Western blot - Anti-mPlum antibody (ab328419)

MPlum Western blot staining using rabbit Anti-mPlum antibody

Western blotting analysis of mPlum fluorescent protein using ab328419 on lysates of HEK293T/17 cells co-transfected with mPlum/GPI and YFP/GPI constructs (HEK293T/17 cells transfected with YFP/GPI; negative control) under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of rabbit anti-mPlum polyclonal antibody followed by IRDye800-conjugated anti-rabbit secondary antibody. A specific band was detected for mPlum protein at approximately 30 kDa.
All lanes:
Western blot - Anti-mPlum antibody (ab328419) at 2 µg/mL

Lane 1:
HEK293T/17/mPlum/YFP lysate reducing

Lane 2:
HEK293T/17/YFP lysate reducing

Lane 4:
HEK293T/17/YFP lysate non-reducing

Lane 5:
HEK293T/17/mPlum/YFP lysate non-reducing

Observed band size: 30 kDa

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