

Flotillin 1 Rabbit mAb

Catalog NO.: A28117 **KO Validated** **Recombinant**

Basic Information

Observed MW

47kDa

Calculated MW

47kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC76972

Background

This gene encodes an protein that localizes to the caveolae, which are small domains on the inner cell membranes. This protein plays a role in vesicle trafficking and cell morphology. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:5000 - 1:20000

IHC-P 1:500 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID	Swiss Prot
10211	O75955

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FLOT1; flotillin-1; Flotillin 1

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

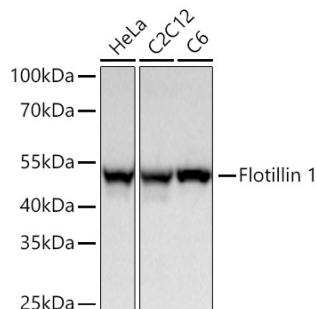
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using [KO Validated] Flotillin 1 Rabbit mAb (A28117) at 1:5000 dilution incubated overnight at 4°C.

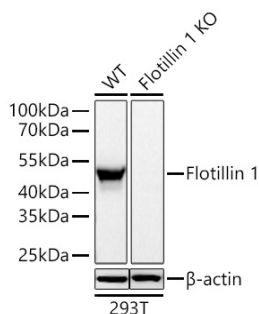
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from wild type (WT) and Flotillin 1 knockout (KO) 293T cells using [KO Validated] Flotillin 1 Rabbit mAb (A28117) at 1:5000 dilution incubated overnight at 4°C.

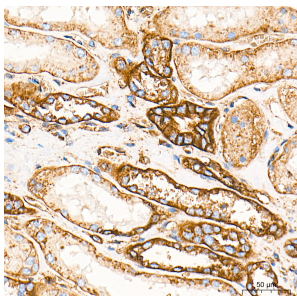
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

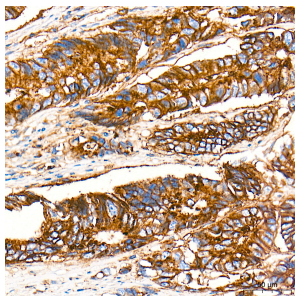
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

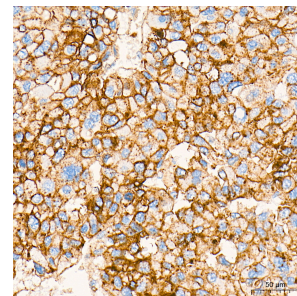
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using [KO Validated] Flotillin 1 Rabbit mAb (A28117) at a dilution of 1:2000



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] Flotillin 1 Rabbit mAb (A28117) at a dilution of 1:2000



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KO Validated] Flotillin 1 Rabbit mAb (A28117) at a dilution of 1:2000

(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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