

Caveolin 2 Monoclonal Antibody (ZC013)

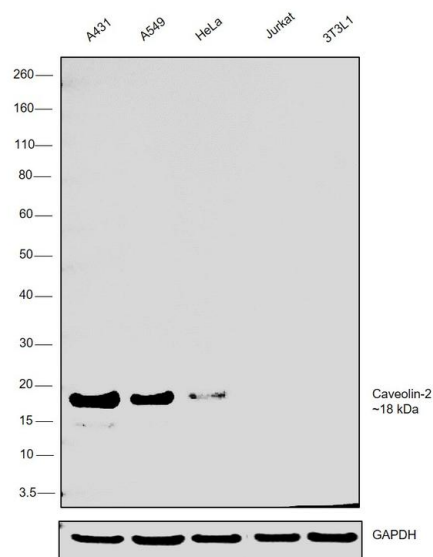
Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	ZC013
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the C-terminal region of the human caveolin-2 protein
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533493

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
ELISA (ELISA)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For Caveolin 2 Monoclonal Antibody (ZC013)

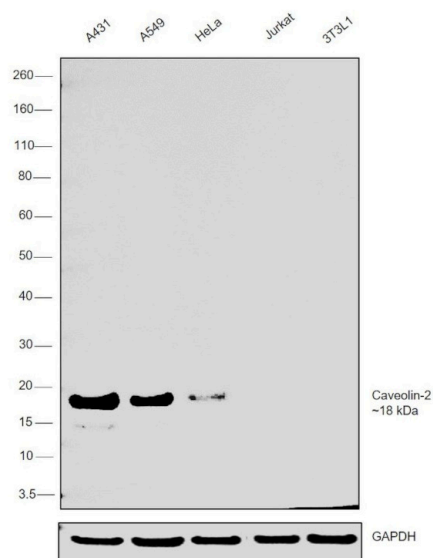
Caveolin 2 Antibody (41-0700) in WB

Western blot was performed using Caveolin 2 Monoclonal Antibody (ZC013) (Product # 41-0700) and a ~18 kDa band corresponding to Caveolin-2 was observed in A431, A549, and HeLa; and was absent in Jurkat and 3T3L1. Whole cell extracts (30 µg lysate) of A431 (Lane 1), A549 (Lane 2), HeLa (Lane 3), Jurkat (Lane 4) and 3T3L1 (Lane 5) were electrophoresed using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

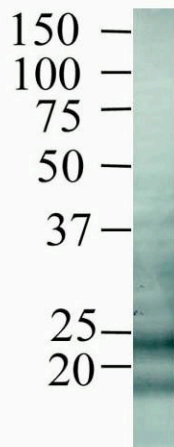


Caveolin 2 Antibody (41-0700)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cells tested owing to their inherent genetic constitution. Relative expression of TEAD1 was observed in A431, A549 and HeLa in comparison to Jurkat and 3T3L1 using Caveolin 2 Monoclonal Antibody (ZC013) (Product # 41-0700) in Western Blot. {RE}



kDa



← ~20 kDa

Caveolin 2 Antibody (41-0700) in WB

Western blot analysis of A431 cell lysates using Zymed Ms anti-Caveolin-2 (Product # 41-0700).

[View more figures on thermofisher.com](#)

3 References

Western Blot (1)

Theranostics

Homotrimer cavin1 interacts with caveolin1 to facilitate tumor growth and activate microglia through extracellular vesicles in glioma.

"Published figure using Caveolin 2 monoclonal antibody (Product # 41-0700) in Western Blot"

Authors: Wang L,Yang C,Wang Q,Liu Q,Wang Y,Zhou J,Li Y,Tan Y,Kang C

Year
2021

Species
Human

Immunocytochemistry (1)

Theranostics

Homotrimer cavin1 interacts with caveolin1 to facilitate tumor growth and activate microglia through extracellular vesicles in glioma.

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Authors: Wang L,Yang C,Wang Q,Liu Q,Wang Y,Zhou J,Li Y,Tan Y,Kang C

Year
2021

Species
Human

Miscellaneous PubMed (1)

The Journal of urology

MicroRNA-218 inhibits cell migration and invasion in renal cell carcinoma through targeting caveolin-2 involved in focal adhesion pathway.

"41-0700 was used in western blot to study the role of miR-218 in renal cell carcinoma."

Authors: Yamasaki T,Seki N,Yoshino H,Itesako T,Hidaka H,Yamada Y,Tatarano S,Yonezawa T,Kinoshita T,Nakagawa M,Enokida H

Year
2013

Species
Human

Dilution
1:500

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