



Caveolin-1 Mouse mAb

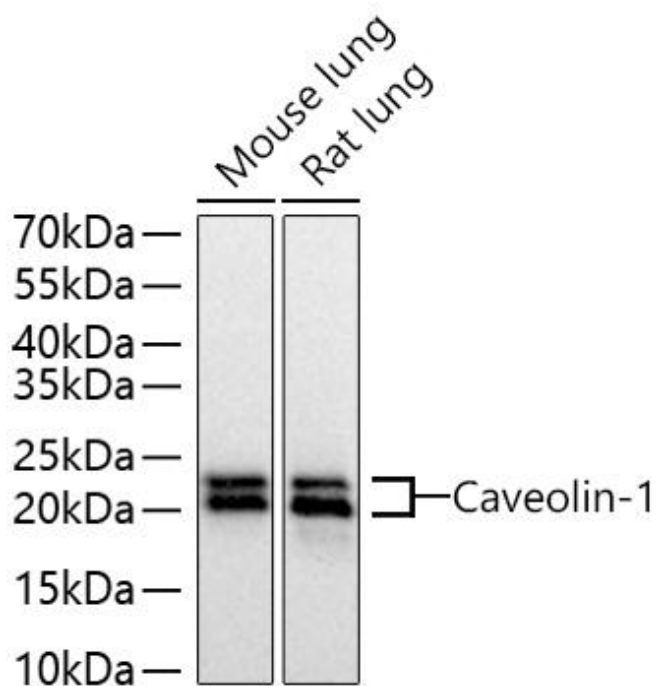
Catalog No	YP-mAb-19554
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Immunogen	Recombinant protein (or fragment).This information is considered to be commercially sensitive .
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	CGL3; PPH3; BSCL3; LCCNS; VIP21; MSTP085
Observed Band	21 kDa/24 kDa
Calculated Molecular Weight	17 kDa/20 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	The scaffolding protein encoded by this gene is the main component of the caveolae plasma membranes found in most cell types .The protein links integrin subunits to the tyrosine kinase FYN, an initiating step in coupling integrins to the Ras-ERK pathway and promoting cell cycle progression .The gene is a tumor suppressor gene candidate and a negative regulator of the Ras-p42/44 mitogen-activated kinase cascade . Caveolin 1 and caveolin 2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex . Mutations in this gene have been associated with Berardinelli-Seip congenital lipodystrophy . Alternatively spliced transcripts encode alpha and beta isoforms of caveolin 1.
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of various lysates using Caveolin-1 Mouse mAb at 1:1500 dilution incubated overnight at 4°C.

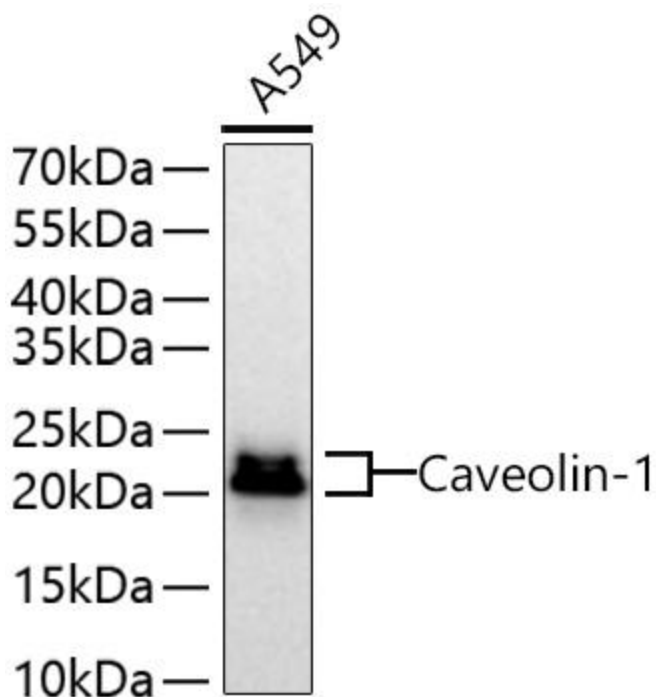
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) at 1:10000 dilution .

Lysates/proteins: 25 µg per lane .

Blocking buffer: 3% nonfat dry milk in TBST .

Detection: ECL Basic Kit (RM00020).

Exposure time: 0.5 s .



Western blot analysis of lysates from A549 cells using Caveolin-1 Mouse mAb at 1:1500 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) 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: 10 s .