

CAV1 recombinant antibody

CAV1 Recombinant Monoclonal Antibody

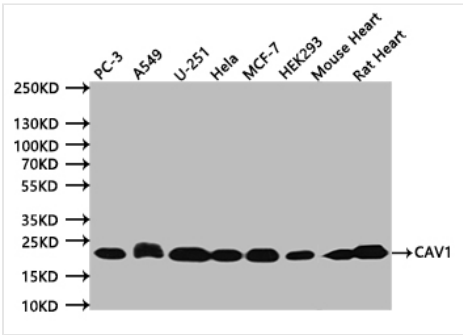
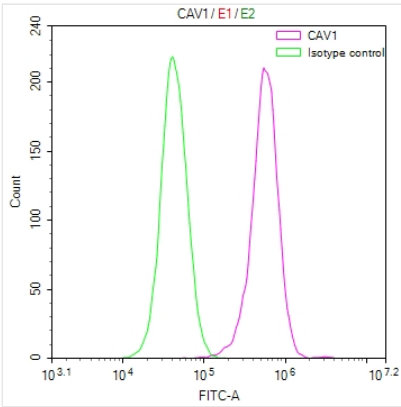
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279337	HEK293F Cell	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

CAV1; Monoclonal Recombinant Antibody; CAV1 Recombinant Monoclonal Antibody; BSCL3 antibody; CAV antibody; CAV1 antibody; CAV1_HUMAN antibody; caveolae protein; 22 kD antibody; caveolin 1 alpha isoform antibody; caveolin 1 beta isoform antibody; Caveolin 1 caveolae protein 22kDa antibody; Caveolin-1 antibody; Caveolin1 antibody; cell growth-inhibiting protein 32 antibody; CGL3 antibody; LCCNS antibody; MSTP085 antibody; OTTHUMP00000025031 antibody; PPH3 antibody; VIP 21 antibody; VIP21 antibody; CAV1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	mlgG2a
Clone Number	24F6
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CAV1 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant Human CAV1 protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



WB (Western Blot)
Western BlotPositive WB detected in:PC-3 whole cell lysate (20ug), A549 whole cell lysate (20ug), U251 whole cell lysate (20ug), HeLa whole cell lysate (20ug), MCF-7 whole cell lysate (20ug), HEK293 whole cell lysate (20ug), Mouse Heart tissue lysate (20ug), Rat Heart tissue lysate (20ug)All lanes: CAV1 antibody at 1:500SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size:20 kDaObserved band size:20 kDaExposure time:120s

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HeLa cells stained with AAA279337 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1:200 dilution for 35min at 4 degree C.Control antibody (green line) was mouse IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.

ADDITIONAL INFORMATION

Product Categories/Family for CAV1 recombinant antibody	Cancer, Cardiovascular, Tags & Cell Markers, Metabolism, Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451856
NCBI GeneID	857
NCBI Accession #	NP_001744.2
NCBI GenBank Nucleotide #	NM_001753.4
UniProt Accession #	Q03135; Q9UGP1; Q9UNG1; Q9UQH6
Molecular Weight	20,472 Da
NCBI Official Full Name	caveolin-1 isoform alpha
NCBI Official Synonym Full Names	caveolin 1, caveolae protein, 22kDa
NCBI Official Symbol	CAV1
NCBI Official Synonym Symbols	CGL3; BSCL3; VIP21; MSTP085
NCBI Protein Information	caveolin-1; cell growth-inhibiting protein 32
UniProt Protein Name	Caveolin-1
UniProt Gene Name	CAV1
UniProt Synonym Gene Names	CAV
UniProt Entry Name	CAV1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.