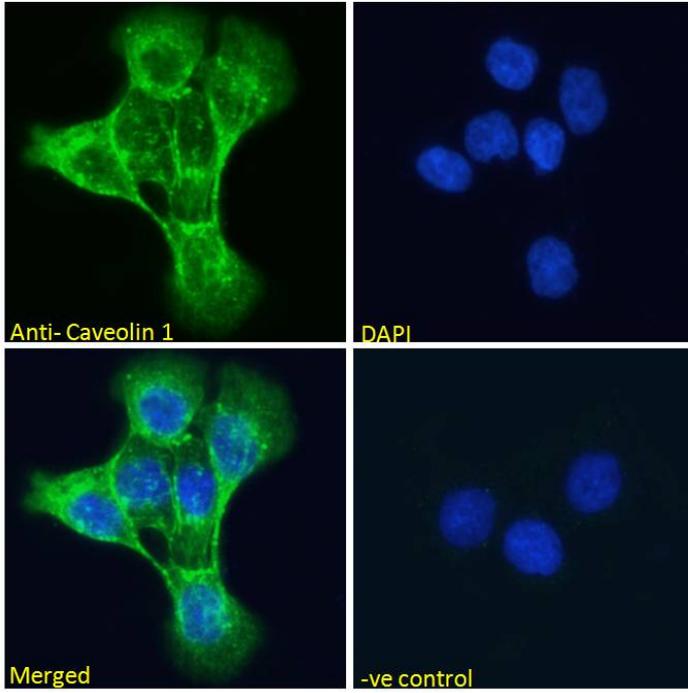


GOAT ANTI-CAVEOLIN 1 ANTIBODY

SKU: EB06817



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names LCCNS|CGL3|BSCL3|cell growth-inhibiting protein 32|caveolin 1, beta isoform|caveolin 1, alpha isoform|caveolin 1 caveolae protein, 22kD|caveolin 1|caveolae protein, 22-kD|VIP21|MSTP085|CAV|HGNC:1527|caveolin 1, caveolae protein, 22kDa|CAV1

Usage Summary **Immunofluorescence:** Strong expression of the protein seen in the Golgi and membranes of A431 cells and in the cytoplasm and Golgi of U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Accession ID NP_001744.2; NP_001166366.1

Blocking Peptide EBP06817

Immunogen	Peptide with sequence C-DELSEKQVYDAH, from the internal region of the protein sequence according to NP_001744.2; NP_001166366.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_001744.2; NP_001166366.1). Reported variants represent identical protein: NP_001166367.1, NP_001166368.1, NP_001166366.1. No cross-reactivity expected to Caveolin 2 and Caveolin 3
Peptide Sequence	C-DELSEKQVYDAH
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig
Reactive Species	Human
Human Gene ID	857
Mouse Gene ID	12389
Rat Gene ID	25404
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Uterus. Recommended concentration: 2.5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 22kDa band observed in lysates of cell lines A431 and A549 and in Human Heart lysates (calculated MW of 20.5kDa according to NP_001744.2). Recommended concentration: 0.001-0.01µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Pig Heart and Spleen, and Mouse and Rat Lung for this particular batch.
Application Type	Pep-ELISA, WB, IF, IHC, FC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

