

### **International Office**

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# EB09134 - Goat Anti-PCSK9 (aa214-228) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** PCSK9, proprotein convertase subtilisin/kexin type 9, FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1, OTTHUMP00000009833, convertase subtilisin/kexin type 9 preproprotein, hypercholesterolemia, autosomal dominant 3, neural apoptosis regulated

convertase 1

Official Symbol: PCSK9

Accession Number(s): NP\_777596.2

Human GenelD(s): 255738

## Immunogen

Peptide with sequence TRFHRQASKCDSHGT, from the internal region of the protein sequence according to NP\_777596.2.

Please note the peptide is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

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

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 70-75kDa band observed in HepG2 cell lysates and approx 75kDa

in HeLa cell lysates (calculated MW of 74.3kDa according to NP\_777596.2)..

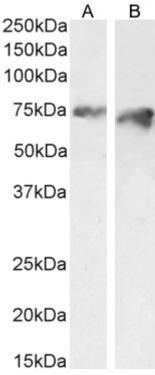
Recommended concentration: 1-2g/ml. Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

### **Species Reactivity**

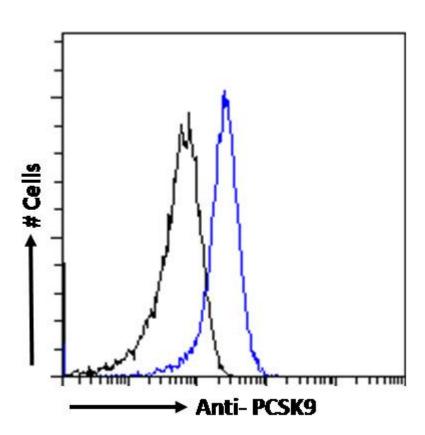
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB09134 (2μg/ml) staining of HeLa (A) and (1ug/ml) of HepG2 (B) cell lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB09134 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.