



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09821 - Goat Anti-SYVN1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HRD1, KIAA1810, MGC40372, synovial apoptosis inhibitor 1, synoviolin, synoviolin 1, SYVN1

**Official Symbol:** SYVN1

**Accession Number(s):** NP\_115807.1; NP\_757385.1

**Human GeneID(s):** [84447](#)

**Non-Human GeneID(s):** 361712 (rat)

**Important Comments:** This antibody is expected to recognize isoforms a and b (NP\_115807.1; NP\_757385.1).

### Immunogen

Peptide with sequence C-HERQHLEARLQS, from the internal region of the protein sequence according to NP\_115807.1; NP\_757385.1.

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 1:32000.

**Western blot:** Approx 70kDa band observed in Human Cerebellum and Rat Lung lysates (calculated MW of 67.6kDa according to Human NP\_115807.1 and 66.9kDa according to Rat NP\_001094209.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature

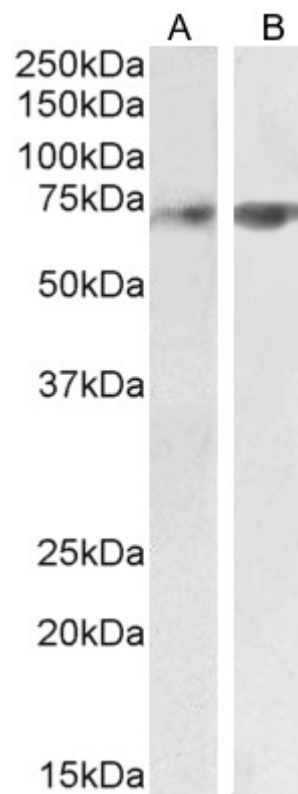
**Immunofluorescence:** Strong expression of the protein seen in the nuclei and endoplasmic reticulum of A431 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

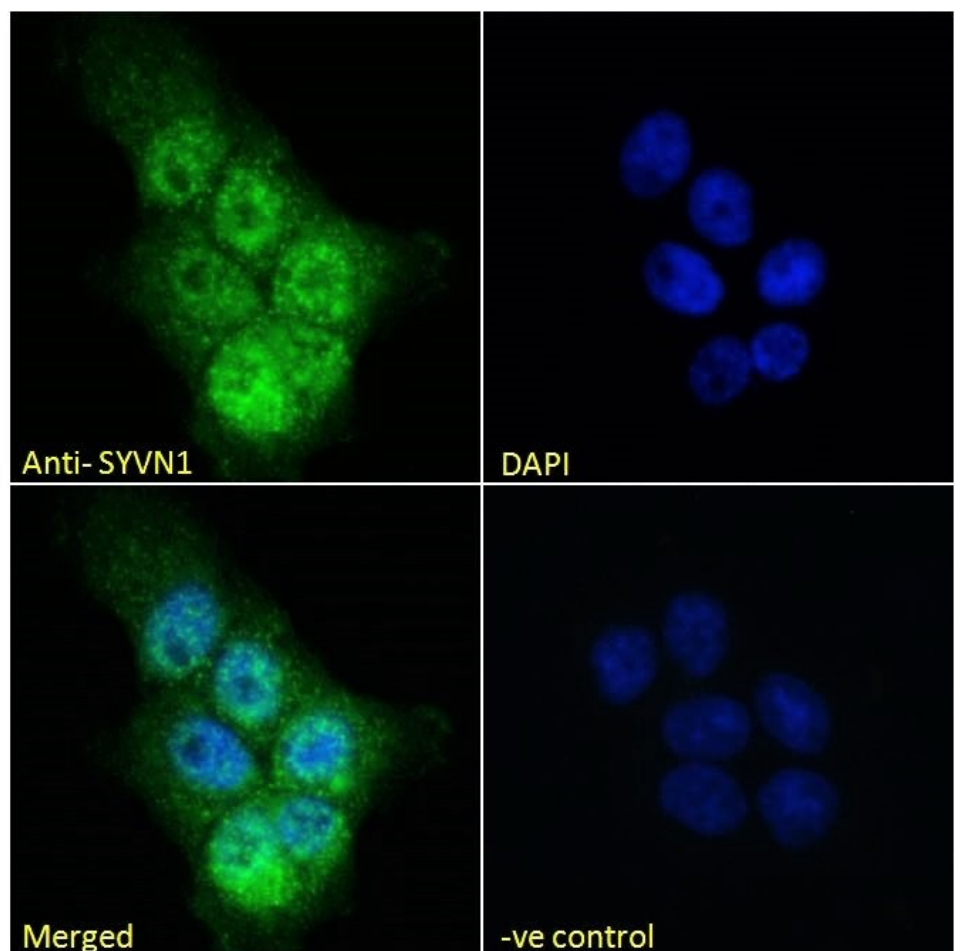
### Species Reactivity

**Tested:** Human, Rat

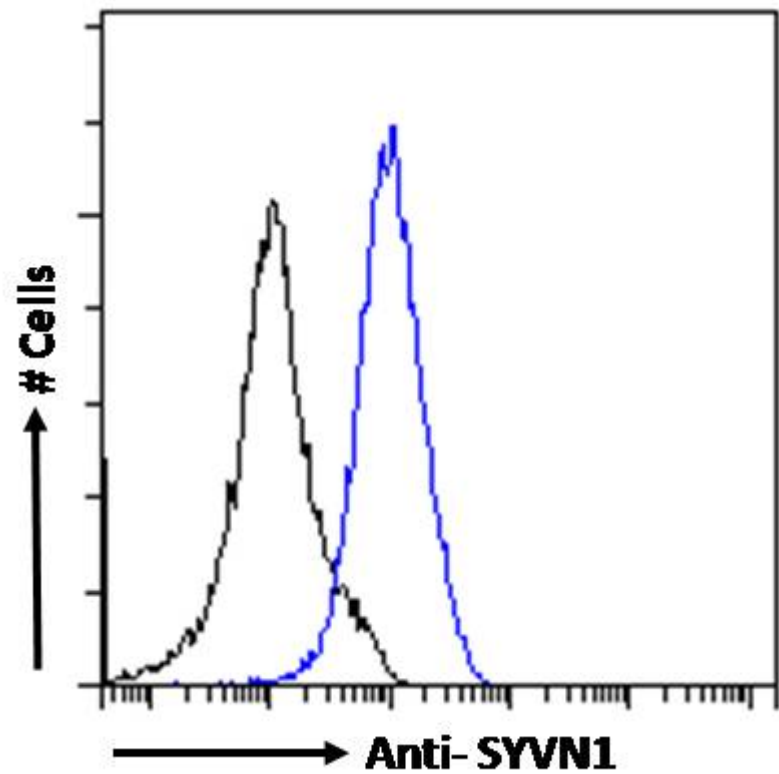
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB09821 (2 $\mu$ g/ml) staining of Human Cerebellum (A) and Rat Lung (B) lysate (35 $\mu$ g protein in RIPA buffer).  
Detected by chemiluminescence.



EB09821 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09821 Flow cytometric analysis of paraformaldehyde fixed A431 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.