



## International Office

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

## EB07121 - Goat Anti-ADRA2A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ADRA2A, adrenergic, alpha-2A-, receptor, ADRA2, ADRA2R, ADRAR, ALPHA2AAR, ZNF32, OTTHUMP00000058849, alpha-2A-adrenergic receptor, alpha-2AAR subtype C10

**Official Symbol:** ADRA2A

**Accession Number(s):** NP\_000672.3

**Human GeneID(s):** [150](#)

### Immunogen

Peptide with sequence C-TERRP NGLGPERS, from the internal region of the protein sequence according to NP\_000672.3.

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.

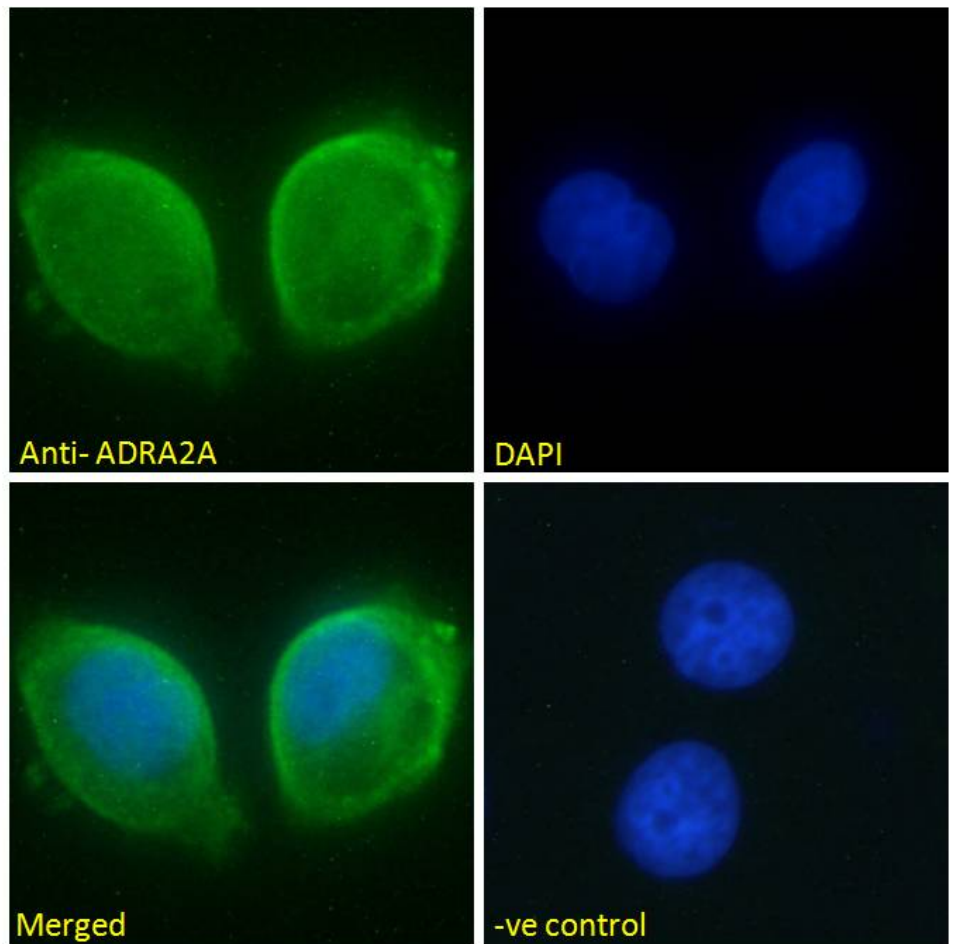
**Immunofluorescence:** Strong expression of the protein seen in the membranes of MCF7 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

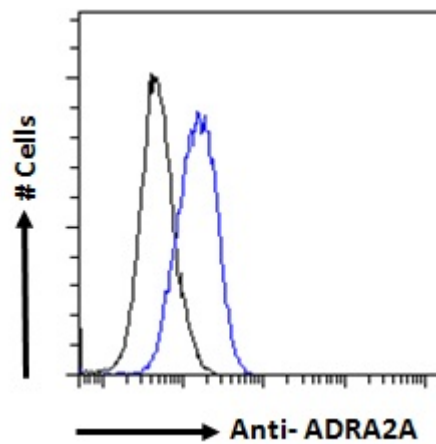
### Species Reactivity

**Tested:** Human

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



EB07121 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07121 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation overnight (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.