

## **International Office**

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# EB08054 - Goat Anti-Adenosine A1 receptor Antibody

Size: 100µg specific antibody in 200µl



Target Protein Principal Names: ADORA1, adenosine A1 receptor, RDC7 Official Symbol: ADORA1 Accession Number(s): NP\_000665.1; NP\_001351994.1; NP\_001351995.1 Human GenelD(s): 134 Non-Human GenelD(s): 11539 (mouse), 29290 (rat) Important Comments: This antibody is expected to recognise isoforms 1, 2 and 3.

## Immunogen

Peptide with sequence NDHFRCQPAPPIDED, from the C Terminus of the protein sequence according to NP\_000665.1; NP\_001351994.1; NP\_001351995.1.

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**

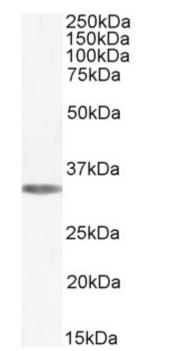
Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 35kDa band observed in lysates of cell line HEK293 (calculated MW of 36.5kDa according to NP\_000665.1). Recommended concentration:0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

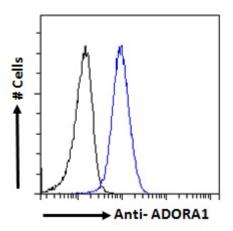
**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

## **Species Reactivity**

Tested: Human Expected from sequence similarity: Human



EB08054 (0.1µg/ml) staining of HEK293 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB08054 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.