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Research Use Only. Not for diagnostic or therapeutic use.

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 GeneID(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.

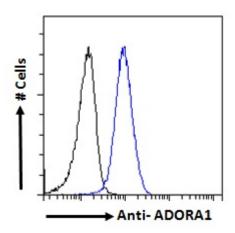
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB08054 (0.1 μ g/ml) staining of HEK293 cell lysate (35 μ g 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.