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

Storage: For long-term storage  
keep aliquots at -20°C. (Store no  
longer than 12 months at 4°C).  
Minimize freezing and thawing.

## EB07079 - Goat Anti-Adenosine A2a Receptor Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** adenosine receptor subtype A2a, adenosine A2 receptor, hA2aR, RDC8, ADORA2, HGNC:263, adenosine A2a receptor, ADORA2A

**Official Symbol:** ADORA2A

**Accession Number(s):** NP\_000666.2

**Human GeneID(s):** [135](#)

### Immunogen

Peptide with sequence HELKGVCPPEPGLDD, from the C Terminus of the protein sequence according to NP\_000666.2.

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 1:8000.

**Western blot:** This antibody has been successfully used on lysates of primary Rhesus microglia in Van der Putten et al, PMID: 19494284.

### Species Reactivity

**Tested:** Rhesus

**Expected from sequence similarity:** Human

### Specific Reference

This antibody has been successfully used in the following papers:

van der Putten C, Zuiderwijk-Sick EA, van Straalen L, de Geus ED, Boven LA, Kondova I, IJzerman AP, Bajramovic JJ.

Differential expression of adenosine A3 receptors controls adenosine A2A receptor-mediated inhibition of TLR responses in microglia.

J Immunol. 2009 Jun 15;182(12):7603-12.

**PMID:** 19494284