

Anti-A2A-Adenosine Receptor [Ig2838] Standard Size Ab00387-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: Ig2838

Alternative Name(s) of Target: ADORA2A

UniProt Accession Number of Target Protein: P29274

Published Application(s): Blocking, ELISA

Published Species Reactivity: Human

Immunogen: Human recombinant A2-adenosine receptor.

Specificity: This antibody binds specifically to the human A2 adenosine receptor.

Application Notes: This antibody binds to the A2 adenosine receptor, a G-protein-coupled receptor for adenosine that, upon ligand binding, activates adenylyl cyclase. The antibody acts as an allosteric inhibitor.

Antibody First Published in: Hino et al. G-protein coupled receptor inactivation by an allosteric inverse-agonist antibody. Nature 2012; 482(7384):237-240 [PMID:22286059](#)

Note on publication: Describes the generation of an anti-adenosine receptor antibody and crystallization for structure determination.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.