

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Adora-1 in direct and cell-based elisas
Source	Monoclonal Mouse IgG ₁ Clone # 1051024
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human Adora-1 synthetic peptide corresponding to the 2nd. extra-cellular loop. Accession # P30542
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunohistochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Adenosine A1 Receptor (ADORA1, Adenosine A1R) is an adenosine receptor that belongs to the G protein-coupled receptor family (GPCR). There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The Adenosine A1R receptor inhibits adenyl cyclase, and plays a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication.

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