10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5)

Recombinant Antibody
Catalog # APR10070

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P29274
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	44707

Additional Information

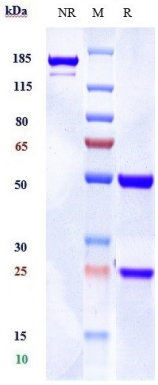
Target/Specificity	AA2AR / Adenosine A2aR
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

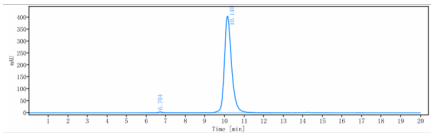
Protein Information

Name	ADORA2A
Synonyms	ADORA2
Function	Receptor for adenosine (By similarity). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P30543}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P30543} Note=Colocalizes with GAS2L2 at neuronal processes {ECO:0000250|UniProtKB:P30543}

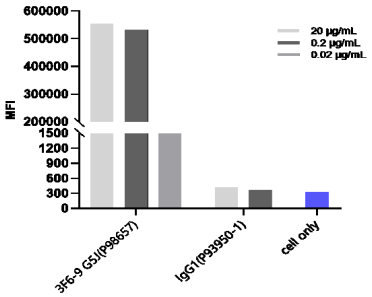
Images

Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

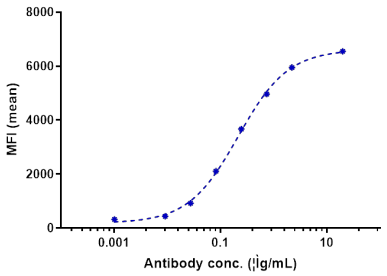




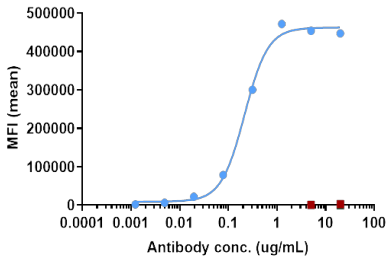
The purity of Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) is 98.85%, determined by SEC-HPLC.



Human A2AR HEK293 Cell Line were stained with Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) and negative control protein respectively, washed and then followed by PE and analyzed with FACS



THP-1 were stained with Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 was approximately 0.2161 ug/mL.



Cynomolgus / Rhesus Macaque A2AR HEK293 Cell Line were stained with Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 was approximately 0.215 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.