



CERTIFICATE OF ANALYSIS

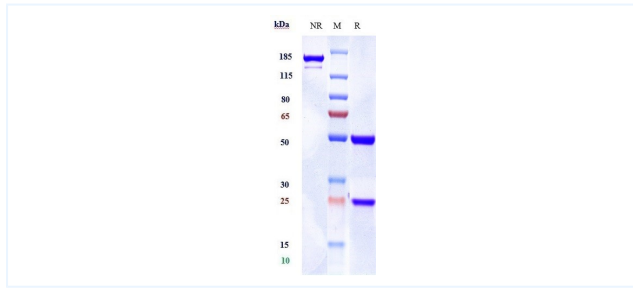


Product Details

Product name:	Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5)	Lot.No.:	P100063
Target:	A2AR / AA2AR / ADORA2A / ADORA2	Catalog:	CHB220
Target Accession:	P29274	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	146.66 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

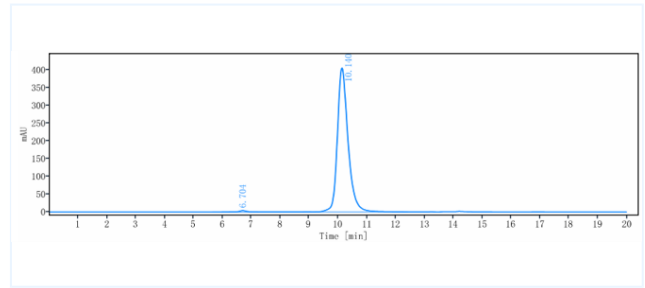
Data

Purity: SDS-PAGE



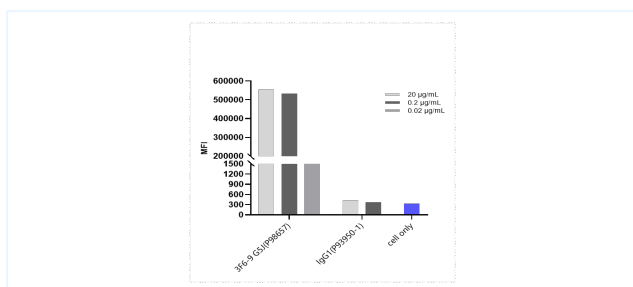
Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



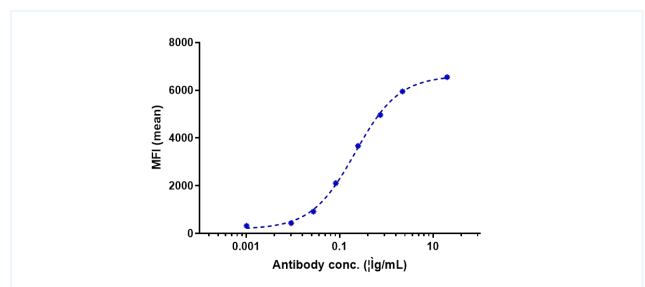
The purity of Anti-AA2AR / Adenosine A2aR Reference Antibody (3F6-9G5) is 98.85%, determined by SEC-HPLC.

Bioactivity: FACS



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

Bioactivity: 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 µg/mL.

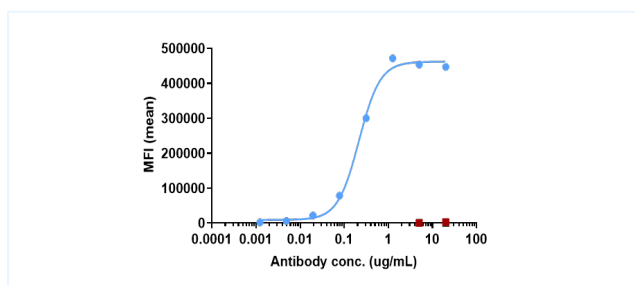
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Bioactivity: FACS



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.

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