



CERTIFICATE OF ANALYSIS

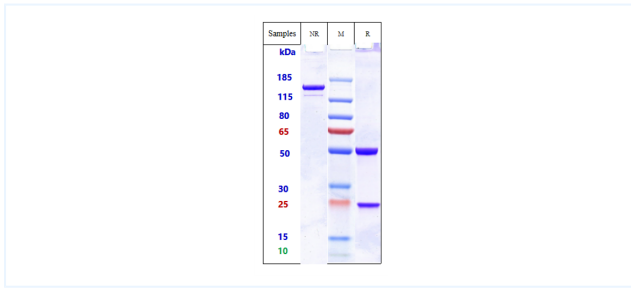


Product Details

Product name:	Anti-ADAM9 Reference Antibody (Imgc936)	Lot.No.:	P79978
Target:	ADAM9	Catalog:	CHB362
Target Accession:	Q13443	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	147.62 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

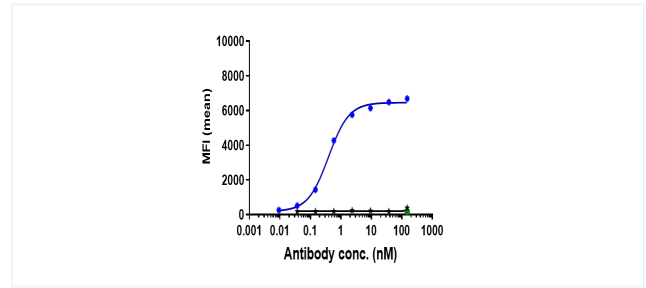
Data

Purity: SDS-PAGE



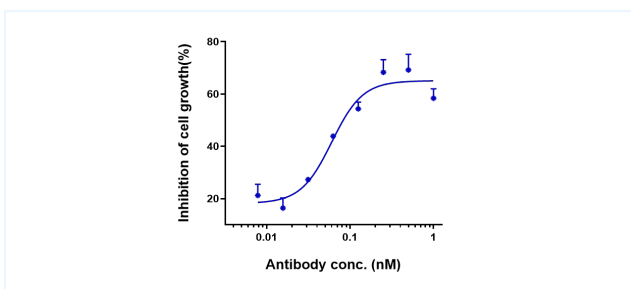
Anti-ADAM9 Reference Antibody (Imgc936) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Bioactivity: FACS



Human ADAM9 CHOS cells were stained with Anti-ADAM9 Reference Antibody (Imgc936) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.3912 nM.

Function: Internalization



The endocytosis ratio Imgc936 by Human ADAM9 HT29 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 50% at antibody concentration of 1 nM.

The products are for research use only. Not for use in diagnostic procedures.