



# CERTIFICATE OF ANALYSIS

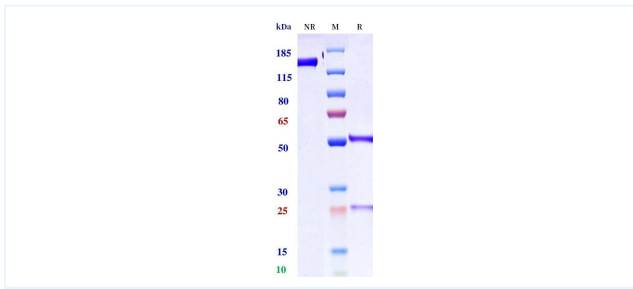


## Product Details

Product name:	Anti-Notch4 Reference Antibody (Eisai patent anti-Notch4)	Lot.No.:	P291288
Target:	Notch4	Catalog:	CHB821
Target Accession:	Q99466	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG2SA-V234A/G237A
Reactivity:	Human	Molecular Weight (kDa) :	142.94
Application:	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:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

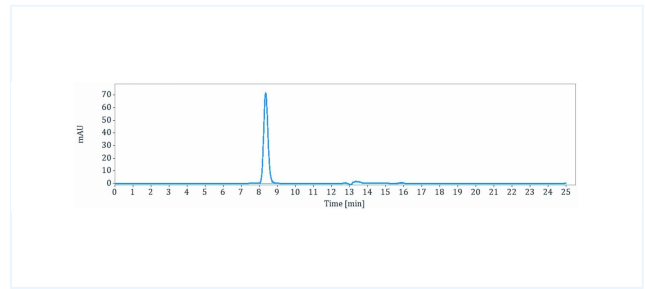
# Data

## Purity:SDS-PAGE



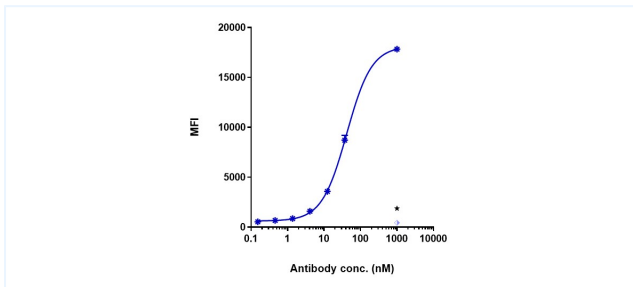
Anti-Notch4 Reference Antibody (Eisai patent anti-Notch4) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity:SEC-HPLC



The purity of Anti-Notch4 Reference Antibody (Eisai patent anti-Notch4) is 99.33%, determined by SEC-HPLC.

## Bioactivity: FACS



HuNOTCH4-FL-HEK293 cell line were stained with Eisai patent anti-Notch4 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 40.2 nM.

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