



CERTIFICATE OF ANALYSIS

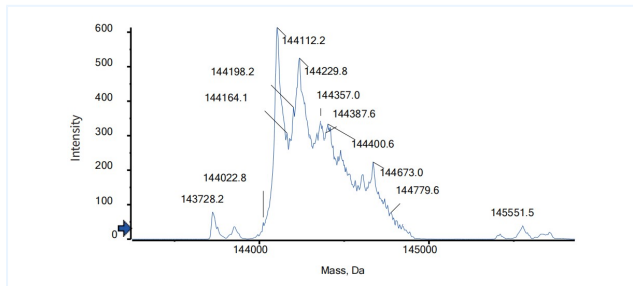


Product Details

Product name:	Anti-IL-18 & IL-1 β Reference Antibody (Mas825)	Lot.No.:	P267980
Target:	IL-18, IL-1b	Catalog:	CHBA017
Target Accession:	Q14116 & P01584	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	144.35 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:	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

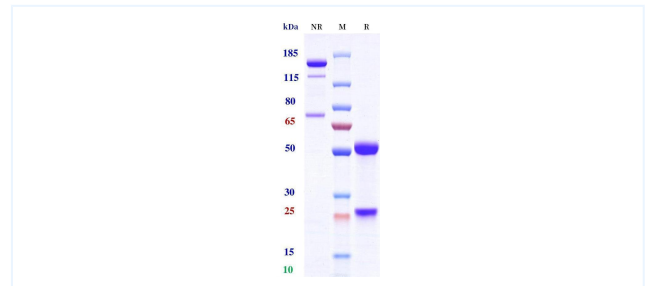
Data

MASS



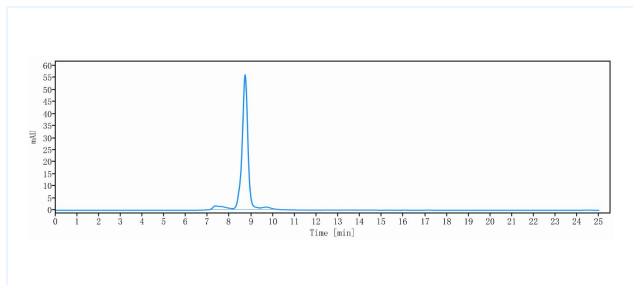
The detected molecular weight of Anti-IL-18 & IL-1 β Reference Antibody (Mas825) is 144.11 kDa.

Purity: SDS-PAGE



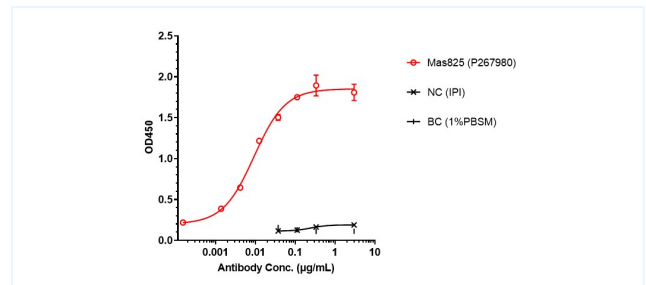
Anti-IL-18 & IL-1 β Reference Antibody (Mas825) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-IL-18 & IL-1 β Reference Antibody (Mas825) is 92.15%, determined by SEC-HPLC.

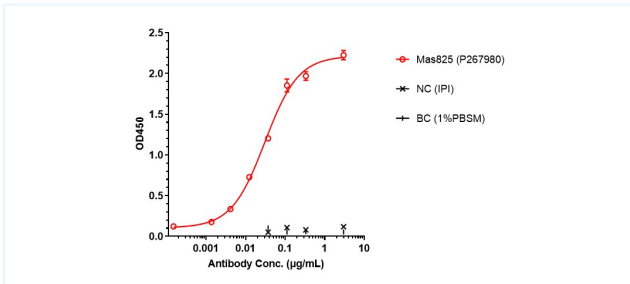
ELISA



Mas825 bound to IL-18 protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fi, Mas825 bound to hu-IL-18-His, and the EC50 was 0.009 nM.

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

ELISA



Mas825 bound to IL-1 β protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig,

Mas825 bound to hu- IL-1 β -His, and the EC50 was 0.031 nM.

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