DATASHEET

In vivo Grade Human IgG2 kappa Isotype Control - CrownVivo Antibody

Isotype Control Applications

This human IgG2 kappa isotype control antibody meets the high-quality standards of various in vitro and in vivo studies that require super low endotoxin, low aggregation, and are packaged with no azide or other preservatives.

This antibody can also be used as a negative control, standard, blocking agent or coating protein in various scientific applications such as ELISA, Western blot, immunofluorescence (IF), immunohistochemistry (IHC), immunoprecipitation (IP), and flow cytometry (FACS).

Isotype Control Antibody Profile

Catalog Number:	C0002
Clonality:	Monoclonal
Ig Subclass:	Human IgG2, kappa
Immunogen:	HEL (Hen Egg Lysozyme)
Accession #:	P00698
Species Reactivity:	Chicken
Applications:	WB, ELISA, IF, IHC, IP, FACS, *in vivo* studies
Expression host:	CHO-S
Purification Method:	Affinity purified
Buffer:	Aseptically packaged in PBS (40mM KH_2PO_4, 150mM NaCl, pH 7.4) with no carrier protein or preservatives added.
Purity:	>95% by SDS-PAGE and SEC-HPLC
Endotoxin Level:	<1 EU/mg as determined by the LAL method
Concentration:	>4mg/ml
Molecular weight:	150 kDa
Sterility:	0.22μm filtered sterile
Storage & Handling	
Storage Conditions:	Store at -80 ℃. Stable for 12 months from date of purchase when stored as recommended. **Avoid Repeated Freeze Thaw Cycles.**

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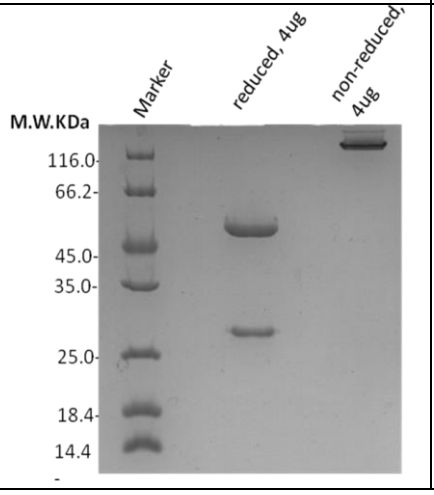
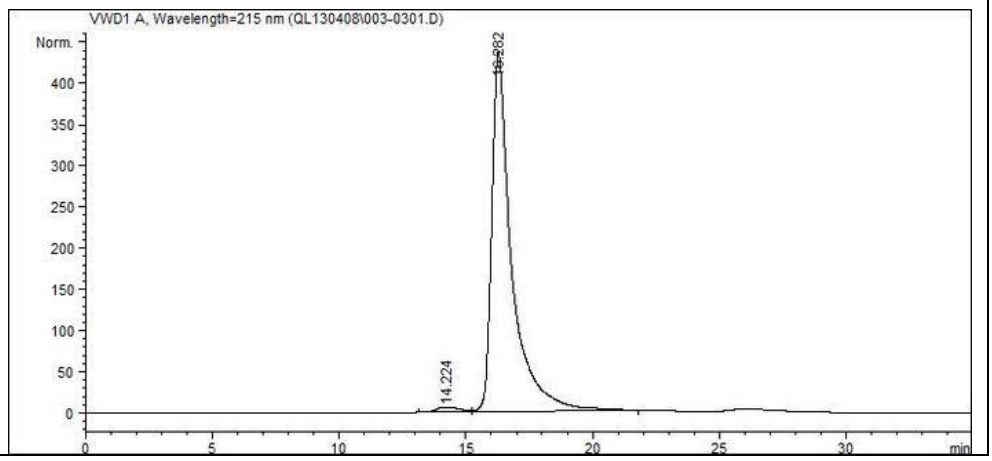
SDS-PAGE (12% SDS-Polyacrylamide gel)	SEC-HPLC (0.5 ml/min; 30 min; UV215) analysis of Human IgG2, kappa Isotype Control
	

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