

In vivo Grade Human IgG2 kappa Isotype Control – CrownVivo™ Antibody

(Code No: C0002)

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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 An	tibody Profile
Product Code:	C0002-100µg; 1mg; 5mg; 10mg; 20mg
Clone ID:	CB2
Clonality:	Monoclonal
Ig Subclass:	Human IgG2, kappa
Immunogen:	HEL (Hen Egg Lysozyme)
Accession #:	P00698
Species Reactivity:	Chicken
Applications:	WB, ELISA, IF, IHC, IP, FACS, <i>in vivo</i> studies
Purification Method:	Affinity purified
Buffer:	Aseptically packaged in PBS (40mM KH ₂ PO ₄ , 150mM NaCl, pH 7.4) with no carrier protein, potassium or preservatives added.
Purity:	>95% by SDS Page and HPLC
Endotoxin Level:	<1 EU/mg as determined by the LAL method
Concentration:	2-5mg/ml
Storage & Handling	
Storage Conditions:	Store at -80°C .Stable for 12 months from date of purchase when stored as recommended. Avoid Repeated Freeze Thaw Cycles.



SDS-PAGE (12% SDS-Polyacrylamide gel)	SEC-HPLC (0.5 ml/min; 30 min; UV215) analysis of Human IgG2, kappa Isotype Control
M.W.KDa 116.0- 66.2- 45.0- 35.0- 25.0- 18.4- 14.4	VWD1 A, Wavelength=215 nm (QL1304081003-0301.D) VWD1 A, Wavelength=215 nm (QL1304081003-0301.D) Norm. 400 350 300 250 200 150 50
-	0 <u>5</u> <u>10</u> <u>15</u> <u>20</u> <u>25</u> <u>30</u> min

CrownVivo[™] Isotype control antibodies are manufactured by Crown Biosciences, Inc., a JSR Life Sciences Company.

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