

In vivo Grade Mouse IgG1 kappa Isotype Control – CrownVivo™ Antibody

(Code No: C0005)

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Isotype Control Applications

This mouse IgG1 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	ntibody Profile	
Product Code:	C0005-100μg; 1mg; 5mg; 10mg; 20mg	
Clone ID:	CB5	
Clonality:	Monoclonal	
lg Subclass:	Mouse IgG1, kappa	
Host Species:	Mouse	
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 asrecommended. Avoid Repeated Freeze Thaw Cycles.	



SDS-PAGE	SEC-HPLC (0.5 ml/min; 30 min; UV215) analysis of Mouse IgG1,
(12% SDS-Polyacrylamide gel)	kappa Isotype Control
M.W.KDa 116.0- 66.2- 45.0- 35.0- 18.4- 14.4-	WWD1 A, Wavelength=215 nm (QL130826/SiO10002 D) Norm. 200 175 150 125 100 75 5 100 15 20 25 10 15 20 25 10 15 20 25 25 20 25 25 20 25 25 20 25 25 25 25 25 25 25 25 25 25 25 25 25

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

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For Research Use Only. Not for use in diagnostic procedures.

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