## BOSTER BIOLOGICAL TECHNOLOGY Co.,Ltd.

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## **Certificate of Analysis**

Product Name: Polyclonal Anti-Strongylocentrotus purpuratus (Purple sea urchin) P63

Antibody

Catalog Number: DZ41453

23DZ586I26	
200μl/vial	
Liquid	
500μg/ml	
Rabbit IgG	
Immunogen affinity purified.	
Each vial contains 20mM PBS, 50% glycerol, 0.02% NaN <sub>3</sub> .	
	200µl/vial Liquid 500µg/ml Rabbit IgG Immunogen affinity purified.

Data of Indirect ELISA						
Coating concentration of antigen	0.1µg/ml	0.1µg/ml	0.1µg/ml	0.1µg/ml		
Working concentration of anti-P63 antibody	1μg/ml	0.1µg/ml	0.01µg/ml	0.001µg/ml		
Working concentration of HRP conjugated goat anti-rabbit	0.2µg/ml	0.2µg/ml	0.2µg/ml	0.2µg/ml		
IgG (Catalog # BA1054)						
O.D. values(450nm)	2.398	2.355	1.995	0.664		
Antibody Status	Pass					

Data Evaluation Criteria				
Coating concentration of antigen	0.1µg/ml	0.1µg/ml		
Working concentration of the primary antibody	1µg/ml	1µg/ml		
Working concentration of HRP conjugated goat anti-rabbit IgG	0.2µg/ml	0.2µg/ml		
O.D. values (450nm)	≥ 1.0	<1.0		
Antibody's affinity for the antigen	Strong	Weak		
Antibody Status	Pass	Fail		

## Storage

At -20  $^{\circ}$ C for one year, at 4  $^{\circ}$ C for one month. Avoid repeated freezing and thawing.

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## Approved by:

开场野

Ms. Yangjing Yue Chief technician Quality Control System of ELISA

Date: Sept 26, 2023