

Certificate of Analysis

CONFIDENTIAL

SC1180 Express Complete Affinity-Purified Peptide Polyclonal Antibody Package

Order ID: 7142636-1

Report From:

GenScript USA Inc
860 Centennial Ave
Piscataway, NJ 08854
United States of America

For research use only

1. Project Information

Order ID: 7142636-1

Antigen Name: 1

Sequence: CGEESIRGAHGYKNK (Lot: 7142638-1)

Immunogen: Peptide-KLH conjugate

Host Strain: New Zealand Rabbit

2. Product Information(s)

Product 1: Antigen 7142638-1

Form: Lyophilized

Quantity: Total 2.00 mg in one vial

Product 2: Pre-immune serum

Form: Liquid

Preservative: 0.02% Sodium Azide

Volume: 0.50 ml/vial

Quantity: One vial

Product 3: Affinity-Purified antibody

Form: Liquid

Concentration: 1.828 mg/ml (by A280nm)

Purity: 91% (by SDS-PAGE)

Quantity: Total 7.31 mg in one bottle

Buffer: Phosphate Buffered Saline (PBS, pH 7.4) with 0.02% Sodium Azide.

3. QC Results

Indirect ELISA:

Coating Antigen(s): Free Peptide

Coating Concentration: 4 µg/ml, 100 µl/well

Coating Buffer: Phosphate Buffered Saline, pH7.4

Secondary Antibody: Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated
 (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins)

Table 1. Elisa results of Pre-immune serum and Purified antibody:

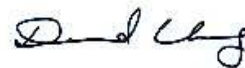
	Dilution	Anti-1 Antibody
NC	1:1,000	0.067
1	1:1,000	2.735
2	1:2,000	2.720
3	1:4,000	2.676
4	1:8,000	2.467
5	1:16,000	2.344
6	1:32,000	2.150
7	1:64,000	1.773
8	1:128,000	1.293
9	1:256,000	0.846
10	1:512,000	0.559
11	Blank	0.051
12	Blank	0.051
	Titer	>1:512,000

Starting dilution: 1:1,000 (Equivalent to 1 µg/ml)

The titer is the highest dilution with S/B (Signal/Blank) ≥ 2.1

NC is negative control (Pre-immune serum)

Approved by



David Chang

Director, Antibody Department

GenScript USA Inc