

# Anti-ANGPTL4 hIgG4 Antibody (H4H284P)

## Product information

|                 |        |
|-----------------|--------|
| GM-88116AB-10   | 10 µg  |
| GM-88116AB-100  | 100 µg |
| GM-88116AB-1000 | 1 mg   |

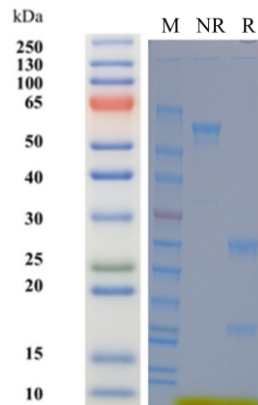
## Antibody Information

|                    |   |
|--------------------|---|
| Species Reactivity | Human   |
| Clone              | H4H284P   |
| Source/Isotype     | Human IgG4 (S228P) ,Kappa   |
| Application        | /   |
| Specificity        | Detects ANGPTL4   |
| Gene               | ANGPTL4   |
| Other Names        | ARP4, FIAF, HARP, HFARP, NL2, PGAR, TGQTL, UNQ171, pp1158   |
| Gene ID            | 51129 (human)   |
| Background         | The ANGPTL4 gene, or Angiopoietin-like 4, is a star molecule in the field of metabolism and disease research in recent years. It is located on the short arm of human chromosome 19(19p13.3) and encodes a secreted glycoprotein consisting of 406 amino acids, structurally containing an n-terminal coiled-coil domain and a c-terminal fibrinogen-like domain, and is highly conserved, this modular design allows for a high degree of flexibility in its function. Its core function is closely related to human energy metabolism. ANGPTL4 acts as a key regulator of blood lipid levels by inhibiting lipoprotein lipase (LPL) activity and regulating triglyceride uptake in adipose tissue, muscle, and heart. |
| Storage            | Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.   |
| Formulation        | Supplied as a 0.2 µm filtered solution of PBS, pH7.2-7.4.   |
| Endotoxin          | < 1 EU/mg, determined by LAL gel clotting assay   |

Version:3.1

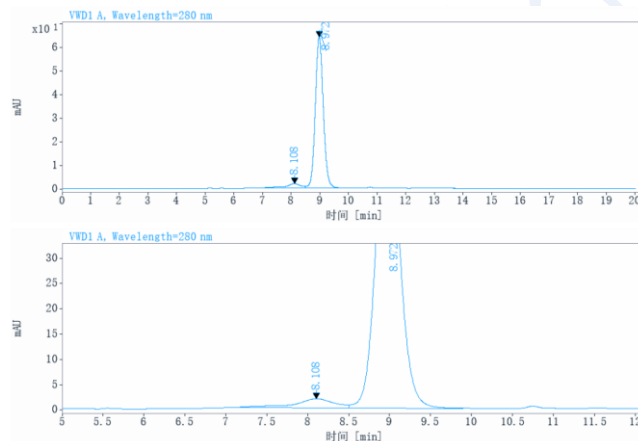
## Data Examples

### SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

### SEC-HPLC



The purity of this product is more than 90% verified by SEC-HPLC.