

**Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R)  
Recombinant Antibody  
Catalog # APR10919****Specification**

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**Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | FC, Kinetics, Animal Model |
| Primary Accession | <a href="#">P43220</a>     |
| Reactivity        | Human, Mouse               |
| Clonality         | Monoclonal                 |
| Isotype           | IgG1                       |
| Calculated MW     | 145 KDa                    |

**Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) - Additional Information****Target/Specificity**  
GLP1R**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) - Protein Information****Name** GLP1R**Function**  
G-protein coupled receptor for glucagon-like peptide 1 (GLP- 1) (PubMed:<a href="http://www.uniprot.org/citations/19861722" target="\_blank">19861722</a>, PubMed:<a href="http://www.uniprot.org/citations/26308095" target="\_blank">26308095</a>, PubMed:<a href="http://www.uniprot.org/citations/27196125" target="\_blank">27196125</a>, PubMed:<a href="http://www.uniprot.org/citations/28514449" target="\_blank">28514449</a>, PubMed:<a href="http://www.uniprot.org/citations/7517895" target="\_blank">7517895</a>, PubMed:<a href="http://www.uniprot.org/citations/8216285" target="\_blank">8216285</a>, PubMed:<a href="http://www.uniprot.org/citations/8405712" target="\_blank">8405712</a>). Ligand binding triggers activation of a signaling cascade that leads to the activation of adenylyl cyclase and increased intracellular cAMP levels (PubMed:<a href="http://www.uniprot.org/citations/19861722" target="\_blank">19861722</a>, PubMed:<a href="http://www.uniprot.org/citations/26308095" target="\_blank">26308095</a>, PubMed:<a href="http://www.uniprot.org/citations/27196125" target="\_blank">27196125</a>).

target="\_blank">27196125</a>, PubMed:<a href="http://www.uniprot.org/citations/28514449" target="\_blank">28514449</a>, PubMed:<a href="http://www.uniprot.org/citations/7517895" target="\_blank">7517895</a>, PubMed:<a href="http://www.uniprot.org/citations/8216285" target="\_blank">8216285</a>, PubMed:<a href="http://www.uniprot.org/citations/8405712" target="\_blank">8405712</a>). Plays a role in regulating insulin secretion in response to GLP-1 (By similarity).

#### Cellular Location

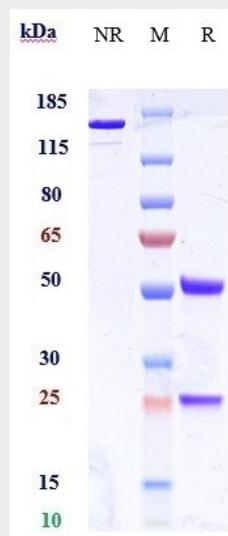
Cell membrane; Multi-pass membrane protein

### Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) - Protocols

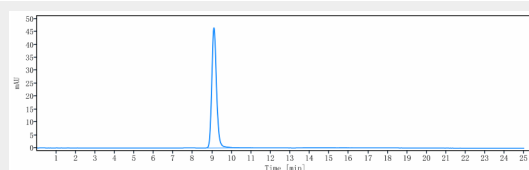
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) - Images



Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-GLP1R Reference Antibody (Centocor patent anti-GLP-1R) is more than 95%, determined by SEC-HPLC.