

**Anti-HGF / SF Reference Antibody (rilotumumab)  
Recombinant Antibody  
Catalog # APR10049****Specification**

---

**Anti-HGF / SF Reference Antibody (rilotumumab) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">P14210</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	145.2 KDa

**Anti-HGF / SF Reference Antibody (rilotumumab) - Additional Information****Target/Specificity**

HGF / SF

**Endotoxin**

&lt; 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-HGF / SF Reference Antibody (rilotumumab) - Protein Information****Name** HGF**Synonyms** HPTA**Function**

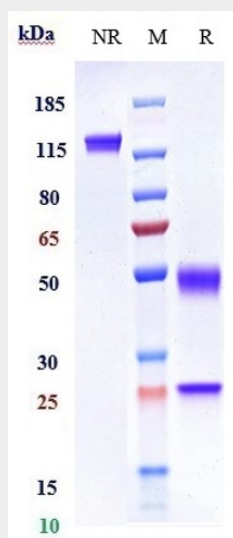
Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotrophic factor, and acts as a growth factor for a broad spectrum of tissues and cell types (PubMed:<a href="http://www.uniprot.org/citations/20624990" target="\_blank">20624990</a>). Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization (PubMed:<a href="http://www.uniprot.org/citations/15167892" target="\_blank">15167892</a>, PubMed:<a href="http://www.uniprot.org/citations/20977675" target="\_blank">20977675</a>). Activates MAPK signaling following Tmprss13 cleavage and activation (PubMed:<a href="http://www.uniprot.org/citations/20977675" target="\_blank">20977675</a>).

## Anti-HGF / SF Reference Antibody (rilotumumab) - Protocols

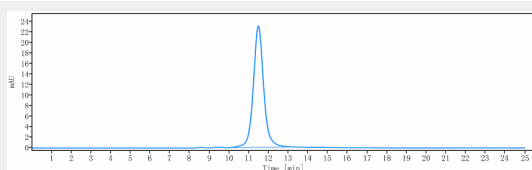
Provided below are standard protocols that you may find useful for product applications.

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

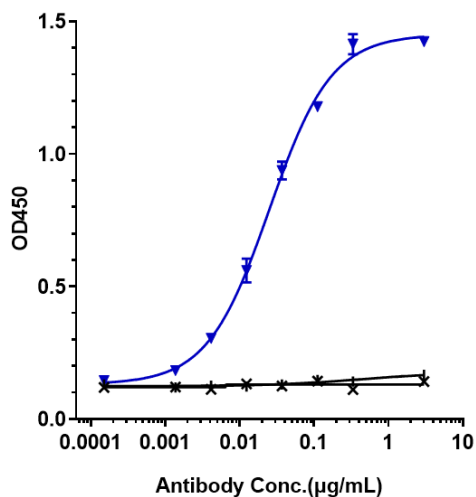
## Anti-HGF / SF Reference Antibody (rilotumumab) - Images



Anti-HGF / SF Reference Antibody (rilotumumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-HGF / SF Reference Antibody (rilotumumab) is more than 100% ,determined by SEC-HPLC.



Immobilized human HGF His at 2 µg/mL can bind Anti-HGF / SF Reference Antibody (rilotumumab) □EC50=0.02507 µg/mL