

**Anti-Phosphatidylserine Reference Antibody (bavituximab)
Recombinant Antibody
Catalog # APR10745****Specification**

Anti-Phosphatidylserine Reference Antibody (bavituximab) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q9UG56
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.3 KDa

Anti-Phosphatidylserine Reference Antibody (bavituximab) - Additional Information**Target/Specificity**
Phosphatidylserine**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-Phosphatidylserine Reference Antibody (bavituximab) - Protein Information****Name** PISD {ECO:0000255|HAMAP-Rule:MF_03208}**Function**
Catalyzes the formation of phosphatidylethanolamine (PtdEtn) from phosphatidylserine (PtdSer) (PubMed:30488656, PubMed:30858161). Plays a central role in phospholipid metabolism and in the interorganelle trafficking of phosphatidylserine. May be involved in lipid droplet biogenesis at the endoplasmic reticulum membrane (By similarity).**Cellular Location**
[Phosphatidylserine decarboxylase beta chain]: Mitochondrion inner membrane {ECO:0000255|HAMAP-Rule:MF_03208, ECO:0000305|PubMed:30858161, ECO:0000305|PubMed:33718843}; Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF_03208}; Intermembrane side

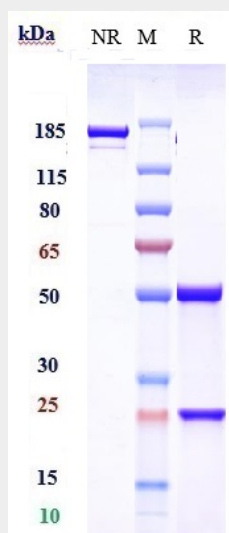
{ECO:0000255|HAMAP-Rule:MF_03208} [Isoform 1]: Mitochondrion inner membrane

Anti-Phosphatidylserine Reference Antibody (bavituximab) - Protocols

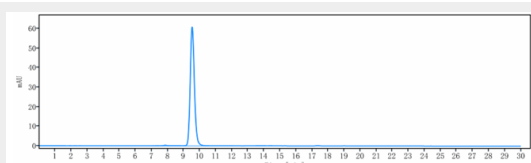
Provided below are standard protocols that you may find useful for product applications.

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

Anti-Phosphatidylserine Reference Antibody (bavituximab) - Images



Anti-Phosphatidylserine Reference Antibody (bavituximab) 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-Phosphatidylserine Reference Antibody (bavituximab) is more than 98.38%, determined by SEC-HPLC.