

Anti-STAB1 Reference Antibody (bexmarilimab)

Recombinant Antibody

Catalog # APR10213

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9NY15
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	275482

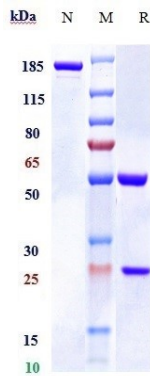
Additional Information

Target/Specificity	STAB1
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

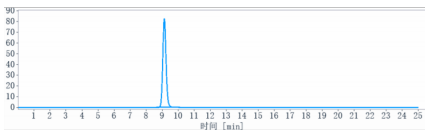
Protein Information

Name	STAB1
Synonyms	FEEL1, KIAA0246
Function	Acts as a scavenger receptor for acetylated low density lipoprotein. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. When inhibited in endothelial tube formation assays, there is a marked decrease in cell-cell interactions, suggesting a role in angiogenesis. Involved in the delivery of newly synthesized CHID1/SI-CLP from the biosynthetic compartment to the endosomal/lysosomal system.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	High levels found in spleen, lymph node, liver and placenta. Also expressed in endothelial cells

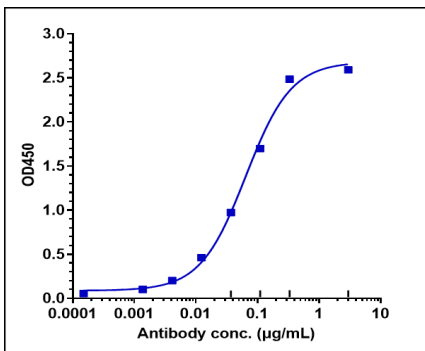
Images



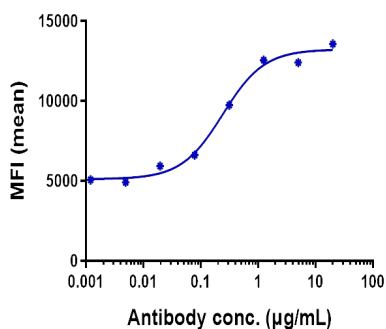
Anti-STAB1 Reference Antibody (bexmarilimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-STAB1 Reference Antibody (bexmarilimab) is 100%, determined by SEC-HPLC.



Immobilized human STAB His at 2 ug/mL can bind Anti-STAB1 Reference Antibody (bexmarilimab), $EC_{50}=0.06461$ ug/mL.



Human STAB A4 HEK293 cells were stained with Anti-STAB1 Reference Antibody (bexmarilimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{50}=0.2417$ ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.