10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-OSMR Reference Antibody (vixarelimab)

Recombinant Antibody
Catalog # APR10201

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q99650
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	110509

Additional Information

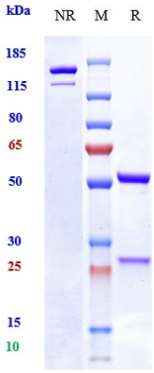
Target/Specificity	OSMR
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

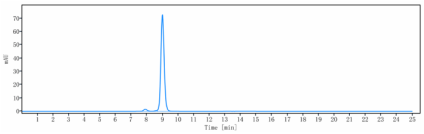
Name	OSMR
Synonyms	OSMRB
Function	Associates with IL31RA to form the IL31 receptor. Binds IL31 to activate STAT3 and possibly STAT1 and STAT5. Capable of transducing OSM-specific signaling events.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Expressed in keratinocytes (at protein level) (PubMed:21261663). Expressed at relatively high levels in all neural cells as well as fibroblast and epithelial cells (PubMed:8999038)

Images

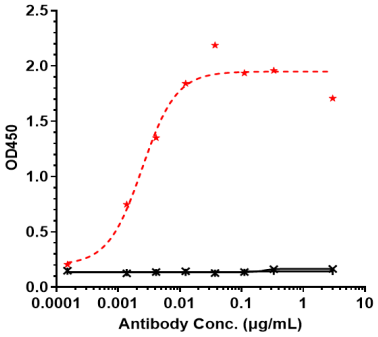
Anti-OSMR Reference Antibody (vixarelimab) on SDS-PAGE under reducing (R) condition. The gel was



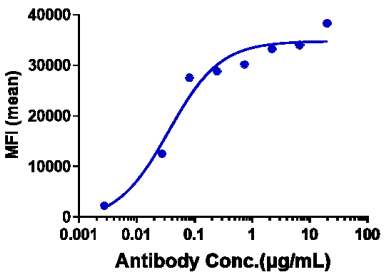
stained with Coomassie Blue. The purity of the protein is greater than 95%



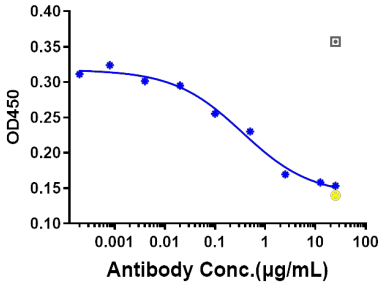
The purity of Anti-OSMR Reference Antibody (vixarelimab)is more than 96.9% ,determined by SEC-HPLC.



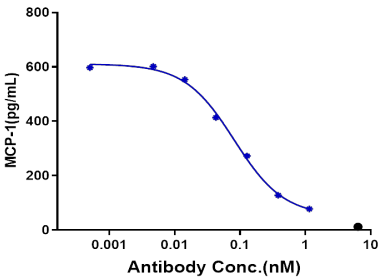
Immobilized human OSMR His at 2 μg/mL can bind Anti-OSMR Reference Antibody (vixarelimab),EC50=0.0024 μg/mL



Human OSMR HEK293 cells were stained with Anti-OSMR Reference Antibody (vixarelimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC261=0.0359 μg/mL



Anti-OSMR Reference Antibody (vixarelimab) P-STAT3 Assay was evaluated using NHDF. The IC50 was approximately 0.3493 nM.



Anti-OSMR Reference Antibody (vixarelimab) MCP-1 secretion was evaluated using NHDF. The IC50 was approximately 0.0812 nM.

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