

Anti-OSMR Reference Antibody (vixarelimab)

Recombinant Antibody Catalog # APR10201

Specification

Anti-OSMR Reference Antibody (vixarelimab) - Product Information

Application FC, Kinetics, Animal Model

Primary Accession
Reactivity
Clonality
Isotype
Calculated MW

Monoclonal
Mono

Anti-OSMR Reference Antibody (vixarelimab) - Additional Information

Target/Specificity

OSMR

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-OSMR Reference Antibody (vixarelimab) - 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)

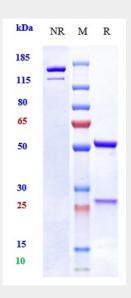


Anti-OSMR Reference Antibody (vixarelimab) - Protocols

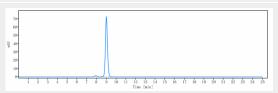
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-OSMR Reference Antibody (vixarelimab) - Images

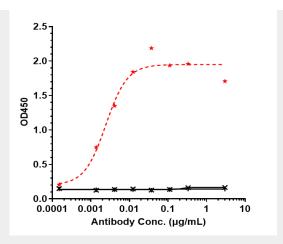


Anti-OSMR Reference Antibody (vixarelimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

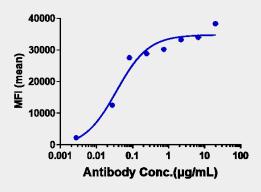


The purity of Anti-OSMR Reference Antibody (vixarelimab)is more than 96.9% ,determined by SEC-HPLC.

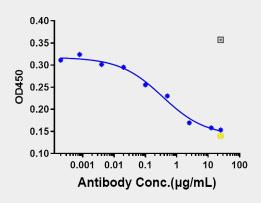




Immobilized human OSMR His at 2 μ g/mL can bind Anti-OSMR Reference Antibody (vixarelimab)[EC50=0.0024 μ g/mL

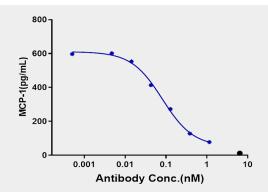


Human OSMR HEK293 cells were stained with Anti-OSMR Reference Antibody (vixarelimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC261=0.0359~\mu g/mL$



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.