

OSMR recombinant antibody

Anti-OSMR Reference Antibody (vixarelimab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29400	CHO Cell	Human, Cynomolgus	ELISA, Flow Cytometry, Functional Assay, Functional Assay

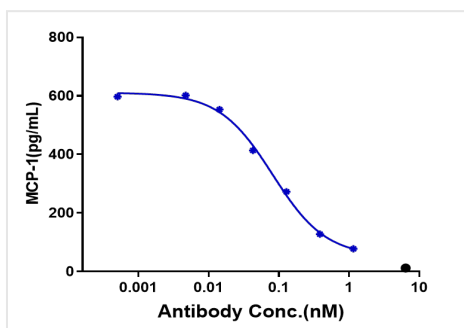
PRODUCT SYNONYMS

OSMR; Monoclonal Recombinant Antibody; Anti-OSMR Reference Antibody (vixarelimab); OSMR recombinant antibody

PRODUCT SPECIFICATIONS

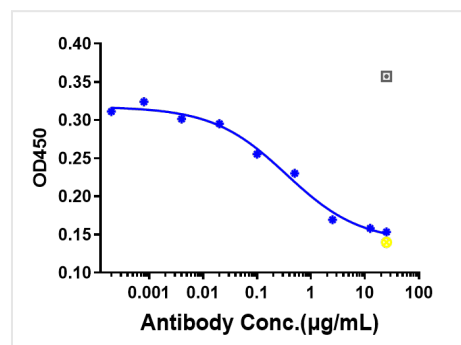
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG4SP
Specificity	OSMR
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for OSMR recombinant antibody	ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay), Animal Model
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



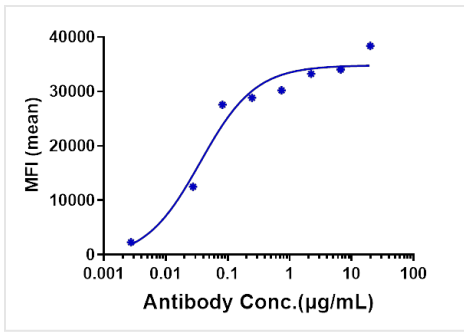
Application Data

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



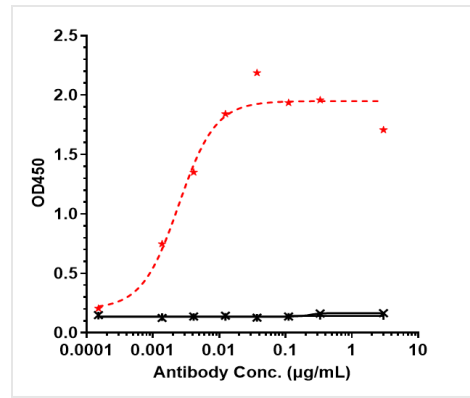
Application Data

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



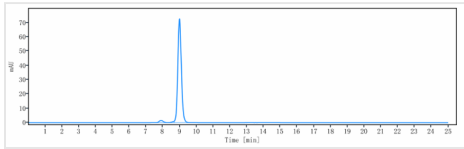
FCM (Flow Cytometry)

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 ug/mL



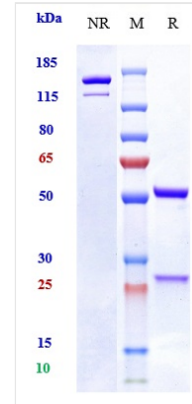
Application Data

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



Application Data

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



SDS-PAGE

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%

ADDITIONAL INFORMATION

Product Categories/Family for OSMR recombinant antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115529091
NCBI GeneID	9180
UniProt Accession #	Q99650; Q6P4E8; Q96QJ6
Molecular Weight	39,504 Da
NCBI Official Full Name	Oncostatin M receptor
NCBI Official Synonym Full Names	oncostatin M receptor
NCBI Official Symbol	OSMR
NCBI Official Synonym Symbols	OSMRB; PLCA1; IL-31RB; IL-31R-beta
NCBI Protein Information	oncostatin-M-specific receptor subunit beta
UniProt Protein Name	Oncostatin-M-specific receptor subunit beta
UniProt Gene Name	OSMR
UniProt Synonym Gene Names	OSMRB; IL-31 receptor subunit beta; IL-31R subunit beta; IL-31R-beta; IL-31RB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/osmr-recombinant-antibody-flow-cytometry-functional-assay-elisa/29400>