

Product Datasheet

OSMR beta Antibody - IgG4SP, (Research Grade vixarelimab Biosimilar) - Low Endotoxin, Azide and BSA Free

NBP3-28875-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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NBP3-28875-100ug

OSMR beta Antibody - IgG4SP, (Research Grade vixarelimab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG4
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

Product Description

Description	<p>Expressed from CHO. The heavy chain type is hulgG4SP, and the light chain type is hulambda. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'vixarelimab'.</p> <p>IgG4SP is human IgG4 with S228P mutation.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
Host	Human
Gene ID	9180
Gene Symbol	OSMR
Species	Human
Immunogen	OSMR
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

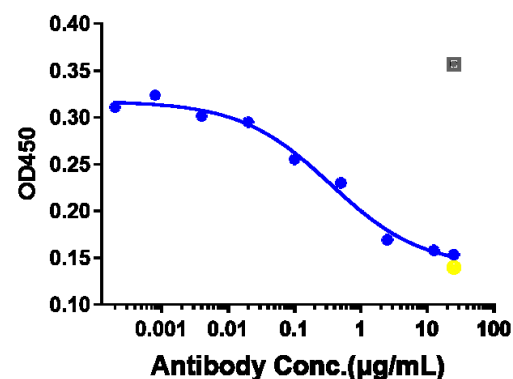
Product Application Details

Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

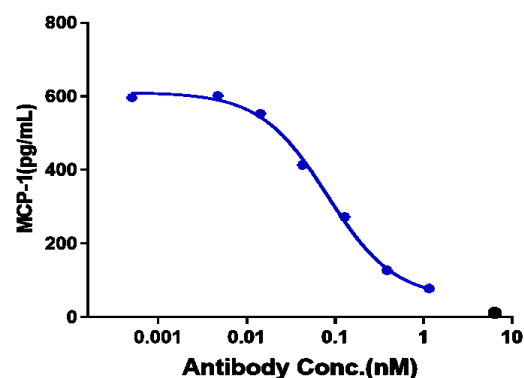


Images

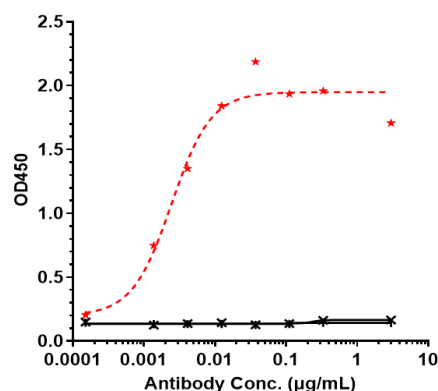
OSMR beta Antibody (vixarelimab) - IgG4SP P-STAT3 Assay was evaluated using NHDF. The IC₅₀ was approximately 0.3493 nM.



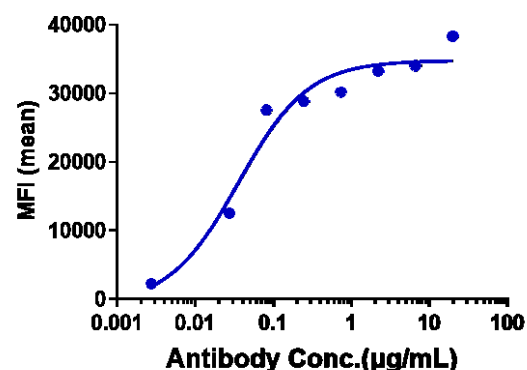
OSMR beta Antibody (vixarelimab) - IgG4SP MCP-1 secretion was evaluated using NHDF. The IC₅₀ was approximately 0.0812 nM.



Immobilized human OSMR His at 2 µg/mL can bind OSMR beta Antibody (vixarelimab) - IgG4SP, EC₅₀=0.0024 µg/mL.



Human OSMR HEK293 cells were stained with OSMR beta Antibody (vixarelimab) - IgG4SP and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=0.0359 µg/mL.





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NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH04P-100	Human IgG4 Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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