

# OSMR Monoclonal Antibody (AN-V2), APC, eBioscience™

Product Details	
Size	100 Tests
Species	Human
Published Species	Human
Expression System	Mouse / IgG1
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	AN-V2
Conjugate	APC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10805393

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	1 Publication

## Product Specific Information

Description: This monoclonal AN-V2 antibody reacts with the human oncostatin M (OSM) receptor. OSM, which belongs to the interleukin-6 cytokine family, is produced by T cells, activated monocytes, and dendritic cells. In humans, OSM can bind two unique receptor complexes. The type I OSM receptor is composed of the LIFR associated with gp130, and recognizes both LIF and OSM. The type II OSM receptor, which consists of gp130 and the OSMR subunit, specifically binds the cytokine, leading to activation of the JAK/STAT signaling pathway. Reports have also indicated a soluble form of the OSM receptor, which this antibody also recognizes. The OSM receptor is expressed in the bone marrow, endothelium, liver, lung, and numerous tumor cell lines.

The AN-V2 monoclonal antibody recognizes the type II (beta) OSM receptor.

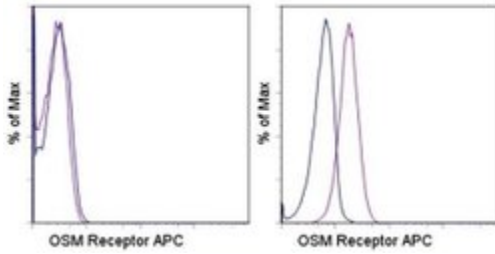
Applications Reported: This AN-V2 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This AN-V2 antibody has been pre-titrated and tested by flow cytometric analysis of the A375 cell line. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

## Product Images For OSMR Monoclonal Antibody (AN-V2), APC, eBioscience™



### OSMR Antibody (17-1303-42) in Flow

Staining of Jurkat (left) and A375 (right) cell lines with Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (blue histogram) or Anti-Human Oncostatin M Receptor APC (purple histogram). Total viable cells were used for analysis.

## 1 Reference

### Flow Cytometry (1)

Proceedings of the National Academy of Sciences of the United States of America

### Functional proteogenomics reveals biomarkers and therapeutic targets in lymphomas.

"17-1303 was used in Flow cytometry/Cell sorting to highlight the utility of functional proteogenomic approaches for discovery of cancer biomarkers and therapeutic targets."

Authors: Rolland DCM, Basrur V, Jeon YK, McNeil-Schwalm C, Fermin D, Conlon KP, Zhou Y, Ng SY, Tsou CC, Brown NA, Thomas DG, Bailey NG, Omenn GS, Nesvizhskii AI, Root DE, Weinstock DM, Faryabi RB, Lim MS, Elenitoba-Johnson KSJ

Species  
Human

Dilution  
Not Cited

Year  
2017

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.