

RXRA Monoclonal Antibody (K8508)

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	K8508
Conjugate	Unconjugated
Immunogen	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human RXR--alpha (2-133 aa).
Form	Liquid
Concentration	1 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	physiological saline
Contains	0.1% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2532208

Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	3-20 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
ELISA (ELISA)	0.1 µg/mL	-
Immunoprecipitation (IP)	Assay-dependent	-
ChIP assay (ChIP)	Assay-dependent	1 Publication
Gel Shift (GS)	Assay-dependent	-

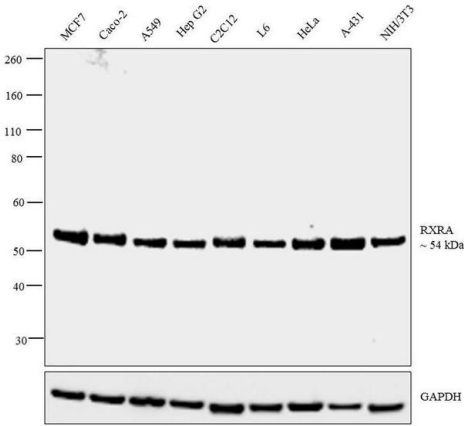
Product Specific Information

This antibody specifically recognizes human RXR alpha and cross reacts with mouse and rat RXR alpha. This antibody does not recognize human RXR beta and gamma.

Product Images For RXRA Monoclonal Antibody (K8508)

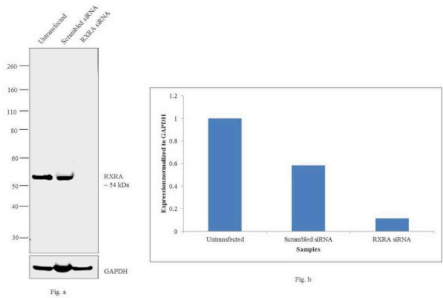
RXRA Antibody (433900) in WB

Western blot analysis was performed on nuclear enriched extracts (30 µg lysate) of MCF7 (Lane 1), Caco-2 (Lane 2), A549 (Lane 3), Hep G2 (Lane 4), C2C12 (Lane 5), L6 (Lane 6), HeLa (Lane 7), A-431 (Lane 8) and NIH/3T3 (Lane 9). The blot was probed with Anti-RXRA Monoclonal Antibody (Product # 433900, 1 µg /mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg /mL, 1:4000 dilution). A 54 kDa band corresponding to RXRA was observed across the cell lines tested.



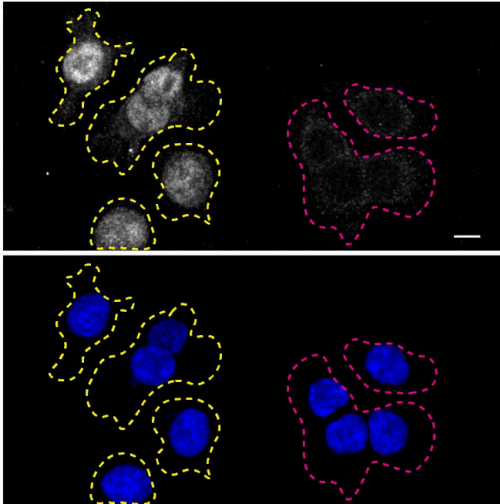
RXRA Antibody (433900)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MCF7 cells were transfected with RXRA siRNA and decrease in signal was observed in Western Blot using Anti-RXRA Monoclonal Antibody (Product # 433900). {KD}



RXRA Antibody (433900)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal in immunofluorescence was observed for target protein in RXR-alpha knockout (KO) cell line using Anti-RXR-alpha monoclonal antibody (Product # 433900). Parental cells were transfected with CellTracker green (Product # C2925) and RXR-alpha KO with CellTracker Deep Red (Product # C34565). Data courtesy of YCharOS Inc., an open science company with the mission of characterizing commercially available antibodies using knockout validation. {KO}



View more figures on thermofisher.com

ChIP assay (1)

Cell reports	Year 2022
Macrophages activated by hepatitis B virus have distinct metabolic profiles and suppress the virus via IL-1 to downregulate PPAR and FOXO3.	Species Human
"433900 was used in ChIP assay to report that M1-like macrophages stimulated by HBV exhibit a strong HBV-suppressive effect, which is diminished in M2-like macrophages."	
Authors: Li Y,Zhu Y,Feng S,Ishida Y,Chiu TP,Saito T,Wang S,Ann DK,Ou JJ	

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.