

Datasheet for 500-301-U97**hRSF1 Antibody****Overview**

Description:	Anti-hRSF1 (MOUSE) Monoclonal Antibody - 500-301-U97
Item No.:	500-301-U97
Size:	100 µL
Applications:	WB
Reactivity:	H. sapiens (Human)
Host Species:	Mouse

Product Details

Background:	RSF1 is required for assembly of regular nucleosome arrays by the RSF chromatin remodelling complex. Rsf1 facilitates transcription of hepatitis B virus (HBV) genes by the pX transcription activator. In case of infection by HBV, together with pX, it represses TNF-alpha induced NF-kappaB transcription activation. Rsf1 represses transcription when artificially recruited to chromatin by fusion to a heterogeneous DNA binding domain. Rsf1 interacts with SMARCA5/SNF2H to form the RSF complex and also binds the HBV pX/HBx protein, which is required to activate transcription of the viral genome. Anti-hRSF1 Antibody is ideal for research in Chromatin Remodeling, Genetics and Gene Expression.
Synonyms:	mouse anti-hRSF1 antibody, mouse anti-RSF1, antibody, Remodeling and spacing factor 1, RSF-1, HBV pX-associated protein 8, Hepatitis B virus X-associated protein, p325 subunit of RSF chromatin-remodeling complex
Host Species:	Mouse
Clonality:	Monoclonal
Format:	ASCITES

Target Details

Gene Name:	RSF1
Reactivity:	H. sapiens (Human)
Immunogen Type:	Recombinant Protein

Immunogen:	Anti-hRSF1 Antibody was produced in mice by repeated immunization with a recombinant protein of human RSF1.
Purity/Specificity:	Anti-hRSF1 was clarified from mouse ascitic fluid and is specific for hRSF1.
Relevant Links:	• UniProtKB - Q96T23 • GeneID - 51773 • NCBI - NP_057662.3

Application Details

Tested Applications:	WB
Application Note:	Anti-hRSF1 Antibody is tested for western blot and suitable for Immunofluorescence and Immunoprecipitation. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 163.8 kDa in the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IF:	1:100 - 1:500
IP:	1 µg/IP
WB:	1:1,000

Formulation

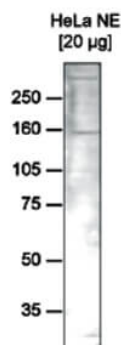
Physical State:	Liquid (sterile filtered)
Concentration:	neat
Buffer:	None
Preservative:	0.05% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot results of mouse anti-hRSF1 antibody. Lane 1: HeLa Nuclear extracts. Load: 20 µg. Primary antibody: anti-hRSF1 antibody at 1:1,000 overnight at 4°C. Secondary antibody: anti-mouse HRP at 1:10,000 for 1hr at RT. Block: TBS-Tween/5% BLOTTO.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.