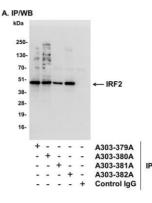
IRF2 Antibody

	Jouy												
Rabbit Polyclo Antigen Affini		ein ID	NP_032417.3										
Catalog No.	A303-		elD	16363	RETHVI								
Lot No.	A303-	381A-1			LABORATORIES, INC								
APPLICATIONS		IP, ChIP–Seq											
SPECIES REACTIVITY		Human											
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse											
AMOUNT		100 µl											
CONCENTRATION		1000 μg/ml											
STORAGE/SHELF LIFE		2 – 8° C / 1 year from date of receipt											
PHYSICAL STATE		Liquid											
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide											
ISOTYPE		IgG											
ORIGIN		USA											
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to IRF2 immobilized on solid support.											
FROCEDURES		The epitope recognized by A303–380A maps to a region between residue 250 and 300 of mouse Interferon Regulatory Factor 2 using the numbering given in entry NP_032417.3 (GeneID 16363).											
		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.											
APPLICATIONS				roduct from lid. Optimal working di igator. Prepare working dilution imr									
		Western Blot	No	ot recommended									
		Immunoprecipitation	2	– 10 µg/mg lysate									
		ChIP-Seq	hIP-Seq ChIP-Seq 10 μg/75 μl protein G beads (accor R. et al.; Nat Protoc. 2013 Mar; 8(3):539-54)										
APPLICATION N	IOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).											
ADDITIONAL IN	IFO	https://www.bethyl.c		,									
		Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB											

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human IRF2 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from human erythroleukemia (HEL) cells. Antibodies: Affinity purified rabbit anti-IRF2 antibody A303-381A used for IP at 6 μ g/mg lysate. IRF2 was also immunoprecipitated by rabbit anti-IRF2 antibodies A303-379A, A303-380A, and A303-382A, which recognize disparate epitopes. For blotting immunoprecipitated IRF2, A303-380A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

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		qA1	qA2	qA3.2	qA3.3	q B1	qB2	qB3	qC	qD	qE1.1	qE1.2	qE2	qE3	qE4
		34,180 kb 	1	34,200 kb 	L	34,220 kb 	1	34,240 kb	1	34,260 kb	1	34,280 kb 	I.	34,300 kb 	
fseq genes	39a7	• • • • • • • • • • • • • • • • • • • •	Col11a2				⊢∰ H2-Oa		Brd2		H2-DM				
NA-seq 10	(0 - 1000)								-	7		II	.111	1	
IA-seq LPS t2	j0 - 1000j									2				1	
nti-IRF2 A303-381A										11.		100			

Localization of IRF2 binding sites by ChIP-Sequencing. Chromatin from mouse bone marrow dendritic cells (BMDCs) was immunoprecipitated with anti-IRF2 A303-381A (lot A303-381A-1) and analyzed by DNA sequencing according to methods available at

http://www.weizmann.ac.il/immunology/AmitLab/data-and-method/iChIP/method. The figure illustrates the peak distribution of IRF2 binding within a 156 kb region of chromosome 17 (pink) as detected by anti-IRF2 A303-381A.

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