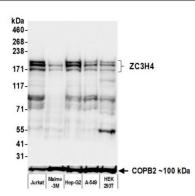
## ZC3H4 Recombinant Monoclonal Antibody [BLR335M]



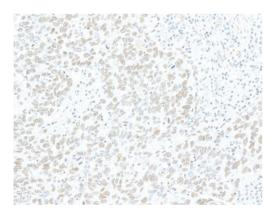
Rabbit Recom	binant M	onoclonal			
Purified		RefS	Seq ID	NP_055983.1	
Catalog No.	A700-3	335 Unip	orot ID	Q9UPT8	
Lot No.	1	Gen	elD	23211	
APPLICATIONS		WB, IP, IHC, ICC, Flow Cyt			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		100 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
CLONE #		BLR335M			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
		Immunogen was a peptide representing a region between residue 1050 and 1100 of human Zinc finger CCCH domain-containing protein 4 using the numbering given in entry NP_055983.1 (Gene ID 23211).			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot		,000	
		Immunoprecipitation		µl/mg lysate	
		Immunohistochemist		00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.	
		Immunocytochemistr		00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE cell sections.	
		Flow Cytometry		ed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl 1 x 10^6 cells	
APPLICATION NOTES		All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent.			
		Primary antibody is incubated overnight.Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).			
		Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.			
IHC HUMAN CONTROLS		Breast Carcinoma, Colon Carcinoma, Liver Squamous Cell Carcinoma, Ovarian Carcinoma, Skin Carcinoma, Tonsil, A549 Cells, Hep-G2 Cells, LNCap Cells			
IHC MOUSE CONTROLS		Renal Cell Carcinoma, CT26 Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-335			
		Use the link above to view SDS, a current list of citations, and other product specific information.			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: September 30, 2024

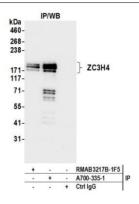
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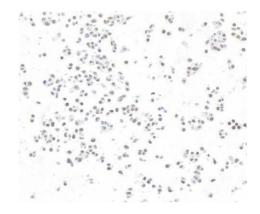
Detection of human ZC3H4 by western blot. *Samples:* Whole cell lysate (50 µg) from Jurkat, Malme-3M, Hep-G2, A-549, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



**Detection of human ZC3H4 by immunohistochemistry.** *Sample:* FFPE section of breast carcinoma. *Antibody:* Rabbit anti–ZC3H4 recombinant monoclonal antibody [BLR335M] (A700–335). *Secondary:* HRP–conjugated goat anti–rabbit IgG (A120–501P).

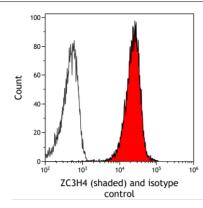


Detection of human ZC3H4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335 lot 1) used for IP at 20 µl/mg lysate. ZC3H4 was also immunoprecipitated by a second antibody against a different epitope of ZC3H4 (RMAB3217B-1F5). For blotting immunoprecipitated ZC3H4, A700-335 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

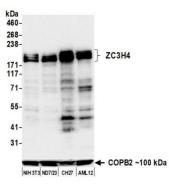


**Detection of human ZC3H4 by immunocytochemistry.** *Sample:* FFPE section of HepG2 cells. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR334M] (A700-335). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

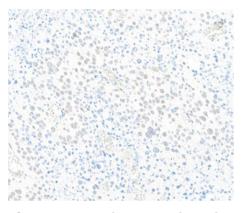
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Detection of human ZC3H4 (shaded) in KG-1 cells by flow cytometry. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



**Detection of mouse ZC3H4 by western blot.** *Samples:* Whole cell lysate (50 µg) from NIH 3T3, ND7/23, CH27, and AML12 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit lgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds.

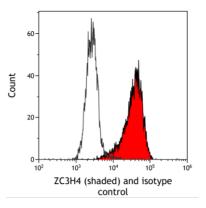


**Detection of mouse ZC3H4 by immunohistochemistry.** *Sample:* FFPE section of RENCA tumor. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of mouse ZC3H4 by immunocytochemistry.** *Sample:* FFPE section of CT26 cells. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR334M] (A700-335). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

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Detection of mouse ZC3H4 (shaded) in ND7/23 cells by flow cytometry. *Antibody:* Rabbit anti-ZC3H4 recombinant monoclonal antibody [BLR335M] (A700-335) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).

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