KLF5 Recombinant Monoclonal Antibody [BLR243L]

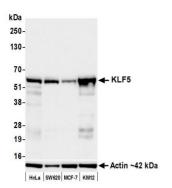


				Laboratories, inc. LIFE SCIENCES	
Rabbit Recom	binant M				
Purified		RefSe	•	NP_001721.2	
Catalog No.	A700-	•		Q13887	
Lot No.	1	Gene	ID	688	
APPLICATIONS		WB, IP, IHC, ICC, Flow Cyt			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free			
ISOTYPE		IgG			
CLONE #		BLR243L			
ORIGIN		USA			
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
PROCEDURES				presenting a region between residue 300 and 350 of human the numbering given in entry NP_001721.2 (Gene ID 688).	
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	1:1	,000	
		Immunoprecipitation	6 µ	I/1 mg lysate	
		Immunohistochemistry		00 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.	
		Immunocytochemistry		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. 0.1 per 1 x 10^6 cells.	
		Breast Carcinoma, Colon Carcinoma, Gastric Carcinoma, Liver Carcinoma, Ovarian Carcinoma, Skin Carcinoma, A549 Cells, Cal-27 Cells, DLD-1 Cells, HT-29 Cells, KM12 Cells, MCF10A Cells			
IHC MOUSE CONTROLS		Gut, C2C12 Cells, CT26 cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-243 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: March 27, 2023

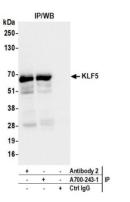
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KDa 250-130-70-51-38-28-19-16-€ CT28 WEHI 223 | NH 3T3

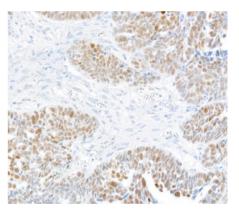
Detection of human KLF5 by western blot. *Samples:* Whole cell lysate (25 μg) from HeLa, SW620, MCF-7, and KM12 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L] (A700-243 lot 1) used at 1:1000. *Secondary:* HRP- conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human KLF5 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from KM12 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L] (A700-243 lot 1) used for IP at 6 μ I/mg lysate. KLF5 was also immunoprecipitated by a second antibody against a different epitope of KLF5 (Antibody 2). For blotting immunoprecipitated KLF5, A700-243 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.

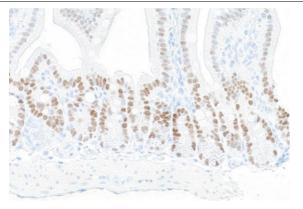
Detection of mouse KLF5 by western blot. *Samples:* Whole cell lysate (25 µg) from CT26, WEHI-231, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L] (A700-243 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



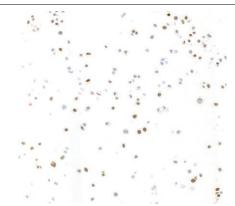
Detection of human KLF5 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L) (A700-243). *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-501P).

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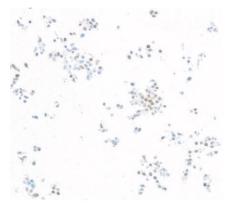
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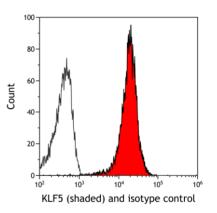
Detection of mouse KLF5 by immunohistochemistry. *Sample:* FFPE section of mouse gut. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L) (A700-243). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human KLF5 by immunocytochemistry. *Sample:* FFPE section of HT-29 cells. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L) (A700-243). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

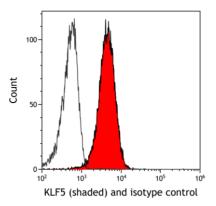


Detection of mouse KLF5 by immunocytochemistry. *Sample:* FFPE section of CT26 cells. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243L) (A700-243). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human KLF5 (shaded) in HT-29 cells by flow cytometry. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243K] (A700-243) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).

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Detection of mouse KLF5 (shaded) in NIH3T3 cells by flow cytometry. *Antibody:* Rabbit anti-KLF5 recombinant monoclonal antibody [BLR243K] (A700-243) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).

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