KLF4 Recombinant Monoclonal Antibody [BLR250L]

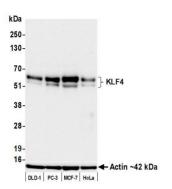


Rabbit Recombinant Monoclonal

Purified			RefSeq ID	NP_004226.3	
Catalog No.	A700-2	250	Uniprot ID	O43474	
Lot No.	1		GenelD	9314	
APPLICATIONS		WB, IP, IHC, ICC			
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 #		BLR250L			
ORIGIN		USA			
PRODUCTION		Recombinant antibody was purified from cell culture supernatant.			
PROCEDURES				presenting a region between residue 75 and 125 of human the numbering given in entry NP_004226.3 (Gene ID 9314).	
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	
		Immunoprecipita		I/1 mg lysate	
		Immunohistoche		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.	
		Immunocytochei	mistry 1:1	00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE cell sections.	
IHC HUMAN CONTROLS		Gastric Carcinoma, HNSCC, Ovarian Carcinoma, Skin, Skin Carcinoma, Spleen, Testicular Seminoma, Tonsil, HCT 116 Cells, MCF-7 Cells, NCI-H520 Cells			
IHC MOUSE CONTROLS ADDITIONAL INFO		Gut, Testis, CT26 cells, F9 Cells, RenCa Cells			
		https://www.fortislife.com/p/A700–250			
		Use the link above to view SDS, a current list of citations, and other product specific information.			

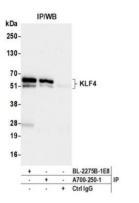
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: April 28, 2023

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KDa 250-130-70-51-38-28-19-16-CH27 CT28 C2C12 NH 9T3

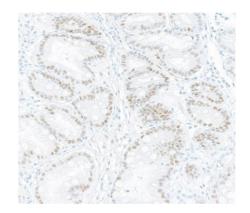
Detection of human KLF4 by western blot. *Samples:* Whole cell lysate (25 µg) from DLD-1, PC-3, MCF-7, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L] (A700-250 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human KLF4 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MCF-7 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L] (A700-250 lot 1) used for IP at 6 μ l/mg lysate. KLF4 was also immunoprecipitated by a second antibody against a different epitope of KLF4 (BL-2275B-1E8). For blotting immunoprecipitated KLF4, A700-250 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of mouse KLF4 by western blot. *Samples:* Whole cell lysate (25 µg) from CH27, CT26, C2C12, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L] (A700-250 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



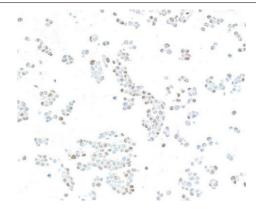
Detection of human KLF4 by immunohistochemistry. *Sample:* FFPE section of human gastric carcinoma. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L) (A700-250). *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-501P).

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KLF4 Recombinant Monoclonal Antibody [BLR250L]



Detection of mouse KLF4 by immunohistochemistry. *Sample:* FFPE section of mouse gut. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L) (A700-250). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human KLF4 by immunocytochemistry. *Sample:* FFPE section of HCT 116 cells. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L) (A700-250). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse KLF4 by immunocytochemistry. *Sample:* FFPE section of CT26 cells. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L) (A700-250). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).

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