KLF4 Recombinant Monoclonal Antibody [BLR250L]

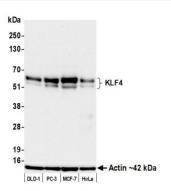


Rabbit Recombinant Monoclonal

Rabbit Recombinant Monocional					
Purified		F	RefSeq ID	NP_004226.3	
Catalog No.	A700-2	250-T l	Uniprot ID	O43474	
Lot No.	1	C	GenelD	9314	
APPLICATIONS		WB, IP, IHC, ICC			
SPECIES REACTIVITY		Human, Mouse			
AMOUNT		10 µl (5+ 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 PROCEDURES		Recombinant antibody was purified from cell culture supernatant.			
PROCEDURES				presenting a region between residue 75 and 125 of human he 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		000	
		Immunoprecipitat	•	/1 mg lysate	
		Immunohistocher		00 to 1:500. Epitope retrieval with citrate buffer pH6.0 is ommended for FFPE tissue sections.	
		Immunocytochem		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		Gut, Testis, CT26 cells, F9 Cells, RenCa Cells			
ADDITIONAL INFO		https://www.fortislife.com/p/A700-250-T Use the link above to view SDS, a current list of citations, and other product specific information.			
		Use the link above	e to view SDS	s, a current list of citations, and other product specific information.	

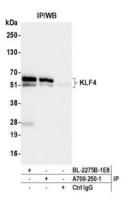
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: April 28, 2023

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



KDa 250-130-70-51-38-28-19-16-CH27 CT28 (2012 NH 373) KLF4

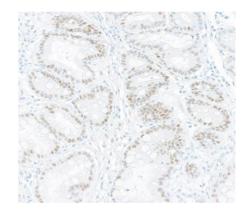
Detection of human KLF4 by western blot. *Samples:* Whole cell lysate (25 µg) from DLD-1, PC-3, MCF-7, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-KLF4 recombinant monoclonal antibody [BLR250L] (A700-250 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit 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).

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. She information provided in this data sheet is believed to be material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

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).

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.