

FOXC2 Recombinant Monoclonal Antibody [BLR184J]

Rabbit Recombinant Monoclonal

Purified		Protein ID	Q99958
Catalog No.	A700-184	GeneID	2303
Lot No.	A700-184-1		

APPLICATIONS	WB, IP, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	250 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 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR184J
ORIGIN	USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 350 and 400 of human Forkhead box protein C2 using the numbering given in entry NP_005242.1 (Gene ID 2303).

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	1:1000
Immunoprecipitation	20 µl/mg lysate
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

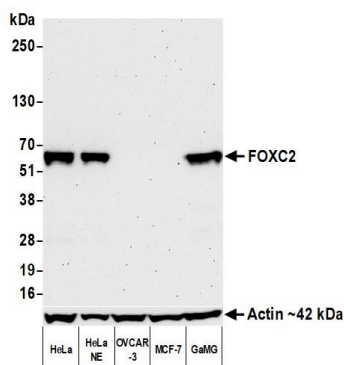
IHC HUMAN CONTROLS Cal-27 Cells, GaMG cells, HeLa Cells, MCF-7 Cells, Ovar-3 Cells

IHC MOUSE CONTROLS C2C12 Cells, NIH 3T3 Cells, TCMK Cells

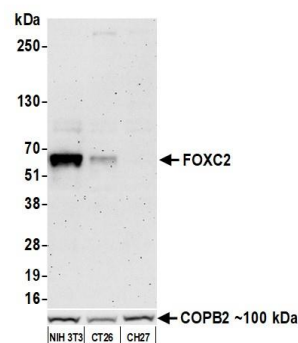
ADDITIONAL INFO <https://www.bethyl.com/product/A700-184>

Use the link above to view SDS, a current list of citations, and other product specific information.

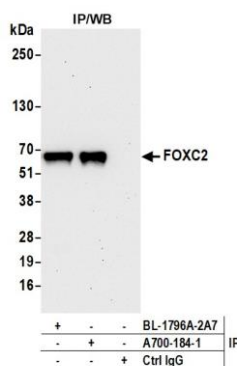
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: August 30, 2021



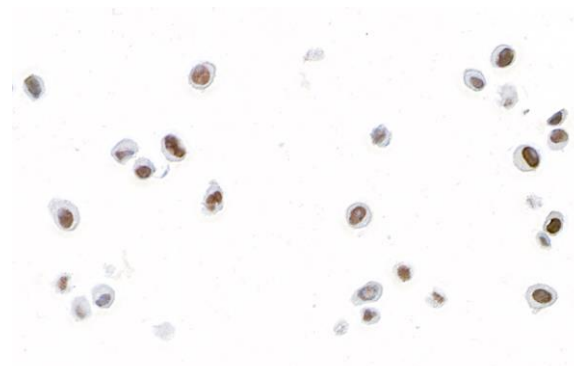
Detection of human FOXC2 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HeLa NE (25 µg), OVCAR-3, MCF-7, and GaMG cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1) used at 1:1000. *Secondary:* HRP-conjugated 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).



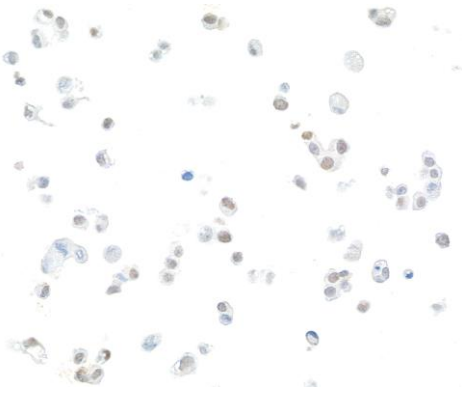
Detection of mouse FOXC2 by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3, CT26, and CH27 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



Detection of human FOXC2 by western blot of immunoprecipitates. *Samples:* HeLa nuclear extract (1.0 mg per IP reaction; 5% of IP loaded). *Antibodies:* Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1) used for IP at 20 µl/mg lysate. FOXC2 was also immunoprecipitated by a second antibody against a different epitope of FOXC2 (BL-1796A-1A7). For blotting immunoprecipitated FOXC2, A700-184 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Detection of human FOXC2 in HeLa cells by ICC. *Antibody:* Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB



Detection of human FOXC2 in Ovar-3 cells by ICC.
Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB



Detection of mouse FOXC2 in 3T3 cells by ICC. *Antibody:* Rabbit anti-FOXC2 recombinant monoclonal antibody [BLR184J] (A700-184 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB