

FOXC2 recombinant antibody

Rabbit anti-FOXC2 Recombinant Monoclonal Antibody [BLR184J]

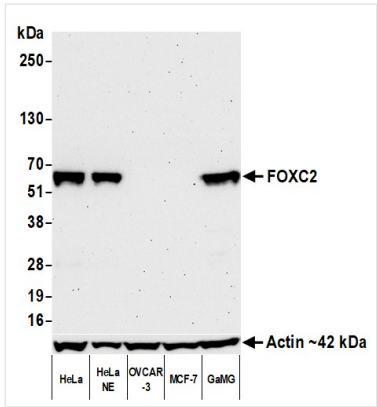
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23856	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunocytochemistry

PRODUCT SYNONYMS

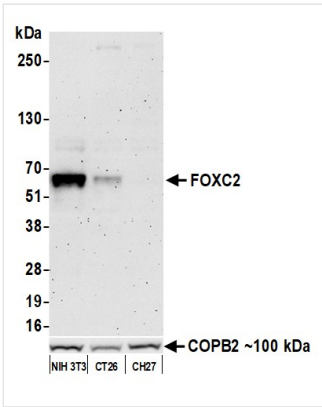
FOXC2; Monoclonal Recombinant Antibody; Rabbit anti-FOXC2 Recombinant Monoclonal Antibody [BLR184J]; mesenchyme fork head protein 1; transcription factor FKH-14; MFH-1; mesenchyme forkhead 1; MFH-1 protein; LD; forkhead-related protein FKHL14; forkhead; Drosophila; homolog-like 14; forkhead box protein C2; forkhead box C2 (MFH-1; mesenchyme forkhead 1); FKHL14; MFH1; Forkhead box protein C2; forkhead box C2; FOXC2 recombinant antibody

PRODUCT SPECIFICATIONS

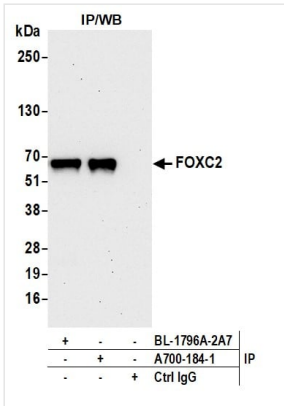
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR184J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for FOXC2 recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



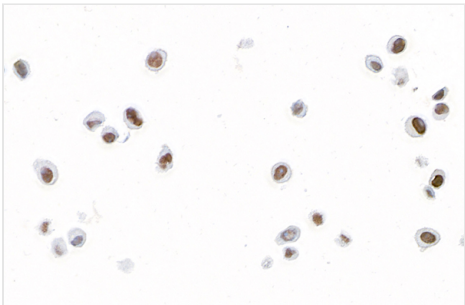
WB (Western Blot)
Detection of human FOXC2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HeLa NE (25 ug), OVCAR-3, MCF-7, and GalMG cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



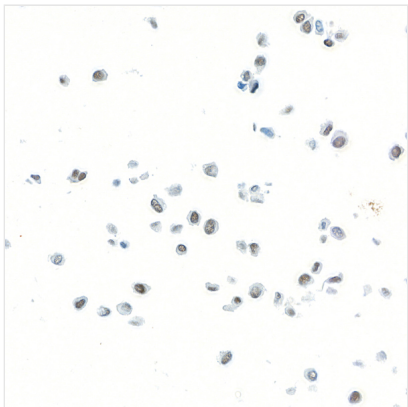
WB (Western Blot)
Detection of mouse FOXC2 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, and CH27 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-COPB2 antibody .



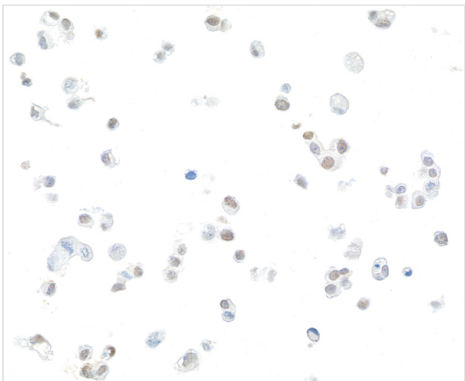
IP (Immunoprecipitation)
Detection of human FOXC2 by western blot of immunoprecipitates. Samples: HeLa nuclear extract (1.0 mg per IP reaction; 5% of IP loaded). Antibodies: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1) used for IP at 20 uL/mg lysate. FOXC2 was also immunoprecipitated by a second antibody against a different epitope of FOXC2 (BL-1796A-1A7). For blotting immunoprecipitated FOXC2, AAA23856 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.



ICC (Immunocytochemistry)
Detection of human FOXC2 in HeLa cells by ICC. Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB



ICC (Immunocytochemistry)
Detection of mouse FOXC2 in 3T3 cells by ICC. Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB



ICC (Immunocytochemistry)
Detection of human FOXC2 in Ovar-3 cells by ICC. Antibody: Rabbit anti-FOXC2 recombinant monoclonal antibody (AAA23856 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB

ADDITIONAL INFORMATION

Related Product Information for FOXC2 recombinant antibody	FOXC2 (forkhead box protein C2) is a member of the Forkhead transcription factor family. It is critical to the development of lymphatic vasculature. Mutations in FOXC2 are responsible for lymphedema-distichiasis, a disease characterized by the obstruction of lymphatic drainage of the limbs and extra eyelashes (distichiasis).
Product Categories/Family for FOXC2 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885237
NCBI GeneID	2303
NCBI Accession #	NP_005242.1
NCBI GenBank Nucleotide #	NM_005251.2
UniProt Accession #	Q99958; Q14DA6; C6KMR9
Molecular Weight	53,719 Da
NCBI Official Full Name	forkhead box protein C2
NCBI Official Synonym Full Names	forkhead box C2 (MFH-1, mesenchyme forkhead 1)
NCBI Official Symbol	FOXC2
NCBI Official Synonym Symbols	LD; MFH1; MFH-1; FKHL14
NCBI Protein Information	forkhead box protein C2; MFH-1,mesenchyme forkhead 1; transcription factor FKH-14; mesenchyme fork head protein 1; forkhead-related protein FKHL14; forkhead, Drosophila, homolog-like 14
UniProt Protein Name	Forkhead box protein C2
UniProt Gene Name	FOXC2
UniProt Synonym Gene Names	FKHL14; MFH1; MFH-1 protein
UniProt Entry Name	FOXC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/foxc2-recombinant-antibody-clone-blr184j-western-blot-immunoprecipitation-immunocytochemistry-elisa/23856>