

For Research Use Only

# FOXC1 Monoclonal antibody

Catalog Number: 66568-1-Ig

Featured Product



## Basic Information

Catalog Number:

66568-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM\_001453

GeneID (NCBI):

2296

UNIPROT ID:

Q12948

Full Name:

forkhead box C1

Calculated MW:

57 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein G purification

CloneNo.:

1F4E11

Recommended Dilutions:

WB 1:2000-1:20000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HEK-293 cells, HEK293 cells, L02 cells, HepG2 cells

## Background Information

FOXC1, also named as FKHL7 and FREAC3, binding of FREAC-3 and FREAC-4 to their cognate sites results in bending of the DNA at an angle of 80-90 degrees. Defects in FOXC1 are the cause of Axenfeld-Rieger syndrome type 3 (RIEG3). Defects in FOXC1 are the cause of iridogoniodysgenesis anomaly (IGDA). Defects in FOXC1 are a cause of Peters anomaly.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

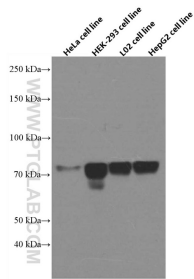
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

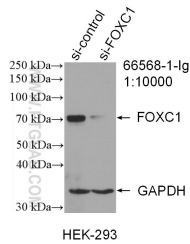
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various cells were subjected to SDS PAGE followed by western blot with 66568-1-Ig (FOXC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of FOXC1 antibody (66568-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXC1 transfected HEK-293 cells.