For Research Use Only

FOXC1 Monoclonal antibody

Catalog Number:66568-1-Ig Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
66568-1-Ig

Size:
150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

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

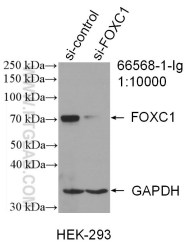
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

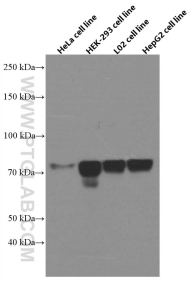
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.