For Research Use Only

FOXC1 Monoclonal antibody

Catalog Number:66568-1-Ig Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
66568-1-Ig

Size:
1500 ug/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

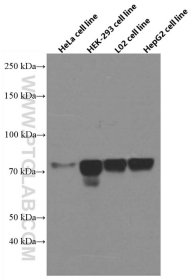
FOXC1, also named as FKHL7 and FREAC3, binding of FREAC-3 and FREAC-4 to their cognate sites results in bending of the DNA at an angle of 80-90 degrees. Defects in FOXC1 are the cause of Axenfeld-Rieger syndrome type 3 (RIEG3). Defects in FOXC1 are the cause of iridogoniodysgenesis anomaly (IGDA). Defects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

Storage

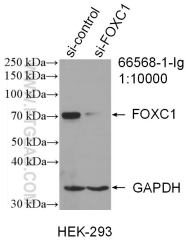
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.