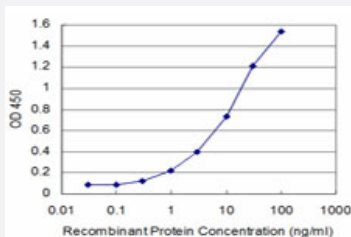


FOXQ1 monoclonal antibody (M05), clone 2F2

Catalog # H00094234-M05

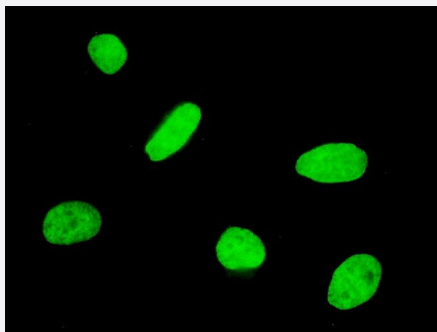
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXQ1 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXQ1 on HeLa cell .
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FOXQ1.
Immunogen	FOXQ1 (NP_150285, 110 a.a. ~ 219 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RSKPYYRRPKPPYSYALIAMAIRDSAGGRLTLAEINEYLMGKFPFFRGSYTGWRNSVRHNLNDC FVKVLRDPSRPWGKDNYWMLNPNEYTFADGVFRRRRKRLSHR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (79); Rat (76)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXQ1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to FOXQ1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — FOXQ1

Entrez GeneID	94234
GeneBank Accession#	NM_033260
Protein Accession#	NP_150285
Gene Name	FOXQ1
Gene Alias	HFH1
Gene Description	forkhead box Q1
Gene Ontology	Hyperlink
Gene Summary	FOXQ1 is a member of the FOX gene family, which is characterized by a conserved 110-amino acid DNA-binding motif called the forkhead or winged helix domain. FOX genes are involved in embryonic development, cell cycle regulation, tissue-specific gene expression, cell signaling, and tumorigenesis (Bieller et al., 2001 [PubMed 11747606]).[supplied by OMIM]
Other Designations	winged helix/forkhead transcription factor

Publication Reference

- [Foxq1 promotes metastasis of nasopharyngeal carcinoma by inducing vasculogenic mimicry via the EGFR signaling pathway.](#)

Yunfan Luo, Jie Wang, Fan Wang, Xiong Liu, Juan Lu, Xiaoxiao Yu, Xuemin Ma, Xiaohong Peng, Xiangping Li.

Cell Death & Disease 2021 Apr; 12(5):411.

Application: IF, Human, 5–8F cells