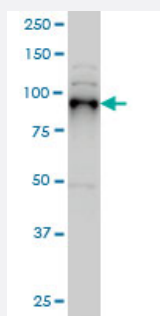


SIX4 monoclonal antibody (M07), clone 5E1

Catalog # H00051804-M07

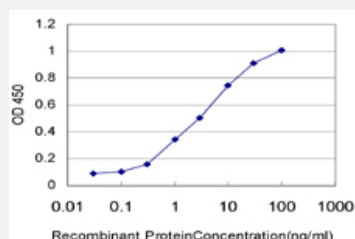
Size 100 ug

Applications



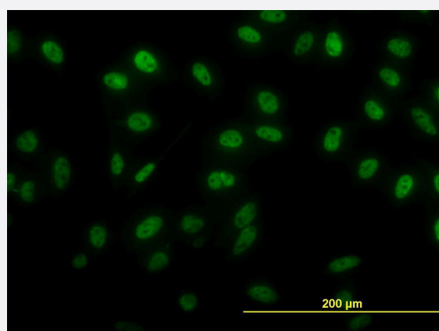
Western Blot (Cell lysate)

SIX4 monoclonal antibody (M07), clone 5E1 Western Blot analysis of SIX4 expression in HeLa S3 NE (Cat # L013V3).



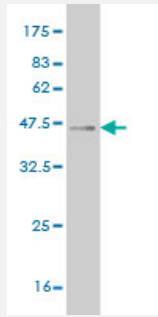
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SIX4 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SIX4 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SIX4.
Immunogen	SIX4 (NP_059116, 672 a.a. ~ 780 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GQDLLSVPMTQAALGEINPTAEDQVGHPSPAVHQDFVQEHLVLQSVANMKENFLSNSESKATS SLMMLDSKSKYVLDGMVDTVCEDLETDKKELAKLQTVQLDEDMQD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SIX4 monoclonal antibody (M07), clone 5E1 Western Blot analysis of SIX4 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SIX4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SIX4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SIX4

Entrez GeneID [51804](#)

GeneBank Accession# [NM_017420](#)

Protein Accession# [NP_059116](#)

Gene Name SIX4

Gene Alias AREC3, MGC119450, MGC119452, MGC119453

Gene Description SIX homeobox 4

Omim ID [606342](#)

Gene Ontology [Hyperlink](#)

Other Designations sine oculis homeobox homolog 4

Publication Reference

- [Specificity and prognostic validation of a polyclonal antibody to detect Six1 homeoprotein in ovarian cancer.](#)

Qamar L, Deitsch E, Patrick AN, Post MD, Spillman MA, Iwanaga R, Thorburn A, Ford HL, Behbakht K.

Gynecologic Oncology 2012 May; 125(2):451.

Application: WB-Ce, WB-Tr, Human, MCF-7 cells