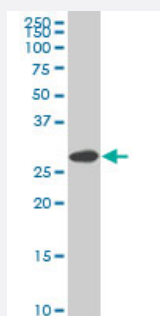


SIX3 monoclonal antibody (M04), clone 1A2

Catalog # H00006496-M04

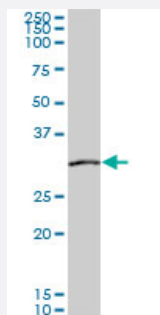
Size 100 ug

Applications



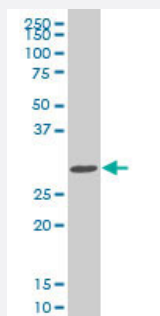
Western Blot (Tissue lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in human thyroid(diffuse hyperplasia).



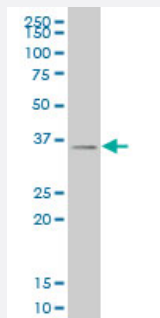
Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in FHs 173 WE.



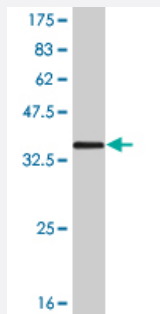
Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in MES-SA/Dx5 (Cat # L021V1).



Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2 Western Blot analysis of SIX3 expression in 293 (Cat # L026V1).



Western Blot detection against Immunogen (32.6 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SIX3.
Immunogen	SIX3 (NP_005404, 273 a.a. ~ 332 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QAIGPSGMRSLAEPGCPHTHGSASPSTAASPTTSVSSLTERADTGTSILSVTSSDSECDV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.6 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 (Tissue lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in human thyroid(diffuse hyperplasia).

[Protocol Download](#)

- Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in FHs 173 WE.

[Protocol Download](#)

- Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2. Western Blot analysis of SIX3 expression in MES-SA/Dx5 (Cat # L021V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

SIX3 monoclonal antibody (M04), clone 1A2 Western Blot analysis of SIX3 expression in 293 (Cat # L026V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SIX3

Entrez GeneID	6496
---------------	----------------------

GeneBank Accession#	NM_005413
---------------------	---------------------------

Protein Accession#	NP_005404
--------------------	---------------------------

Gene Name	SIX3
-----------	------

Gene Alias	HPE2
------------	------

Gene Description	SIX homeobox 3
------------------	----------------

Omim ID	157170 603714
---------	-------------------------------

Gene Ontology[Hyperlink](#)**Gene Summary**

alobar or semilobar|human homeobox protein SIX3 (NP_005404)|sine oculis homeobox homolog 3

Other Designations

holoprosencephaly 2, alobar or semilobar|human homeobox protein SIX3 (NP_005404)|sine oculis homeobox homolog 3

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coloboma](#)
- [Holoprosencephaly](#)
- [Microphthalmos](#)