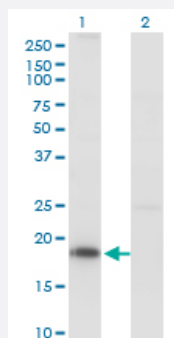


KISS1 monoclonal antibody (M03), clone 1D11

Catalog # H00003814-M03

Size 100 ug

Applications

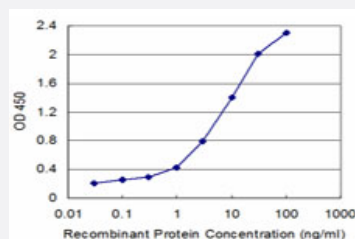


Western Blot (Transfected lysate)

Western Blot analysis of KISS1 expression in transfected 293T cell line by KISS1 monoclonal antibody (M03), clone 1D11.

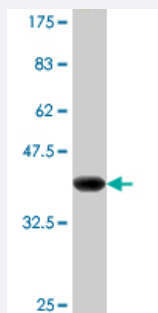
Lane 1: KISS1 transfected lysate (14.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KISS1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KISS1.

Immunogen	KISS1 (NP_002247, 46 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PGEQSLPCTERKPAATARLSRRGTSLSPPPESSGSPQQPGLSAPHSRQIPAPQGAVLVQREKDL PNYNWNSFGLRFGKREAAPGNHGRSAGRGRWGAGAGQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of KISS1 expression in transfected 293T cell line by KISS1 monoclonal antibody (M03), clone 1D11.

Lane 1: KISS1 transfected lysate(14.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KISS1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KISS1

Entrez GeneID [3814](#)

GeneBank Accession# [NM_002256](#)

Protein Accession#	NP_002247
Gene Name	KISS1
Gene Alias	KiSS-1, METASTIN, MGC39258
Gene Description	KiSS-1 metastasis-suppressor
Omim ID	603286
Gene Ontology	Hyperlink
Gene Summary	This gene is a metastasis suppressor gene that suppresses metastases of melanomas and breast carcinomas without affecting tumorigenicity. The encoded protein may function to inhibit chemotaxis and invasion, attenuating metastasis in malignant melanomas. Studies suggest a putative role in the regulation of events downstream of cell-matrix adhesion, perhaps involving cytoskeletal reorganization. A polymorphism in the terminal exon of this mRNA results in two protein isoforms. An adenosine present at the polymorphic site represents the third position in a stop codon. When the adenosine is absent, a downstream stop codon is utilized and the encoded protein extends for an additional seven amino acid residues. [provided by RefSeq]
Other Designations	OTTHUMP00000034312 kisspeptin malignant melanoma metastasis-suppressor

Disease

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypogonadism](#)
- [Kallmann Syndrome](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)