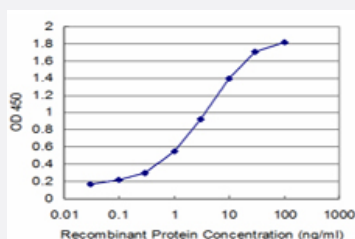


KAL1 monoclonal antibody (M03), clone 1C9

Catalog # H00003730-M03

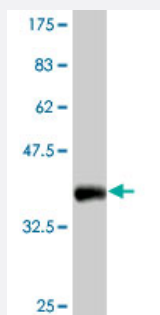
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KAL1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KAL1.

Immunogen

KAL1 (NP_000207, 548 a.a. ~ 657 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LAKPENLSASFIVQDVNITGHFSWKMAKANLYQPMGTGFQVTWAEVTTESRQNSLPNSIISQSQILP
SDHYVLTPNLRPSTLYRLEVQVLTPGGEGPATIKTFRTPELPP

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.84 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KAL1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KAL1

Entrez GeneID

[3730](#)

GeneBank Accession#

[NM_000216](#)

Protein Accession#

[NP_000207](#)

Gene Name

KAL1

Gene Alias

ADMLX, HHA, KAL, KALIG-1, KMS

Gene Description

Kallmann syndrome 1 sequence

Omim ID

[308700](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Mutations in this gene cause the X-linked Kallmann syndrome. The encoded protein is similar in sequence to proteins known to function in neural cell adhesion and axonal migration. In addition, this cell surface protein is N-glycosylated and may have anti-protease activity. [provided by RefSeq]

Other Designations

Kallmann syndrome 1 protein|Kallmann syndrome interval gene 1|Kallmann syndrome-1 sequence (anosmin-1)|OTTHUMP00000022873|adhesion molecule-like X-linked|anosmin-1

Disease

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