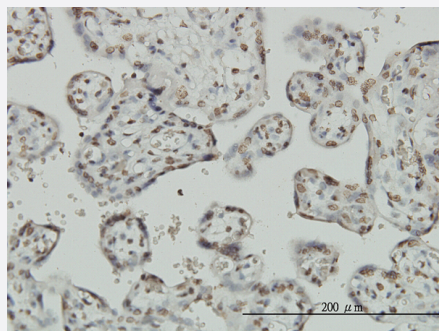


PTHLH monoclonal antibody (M01), clone 3H1-5G8

Catalog # H00005744-M01

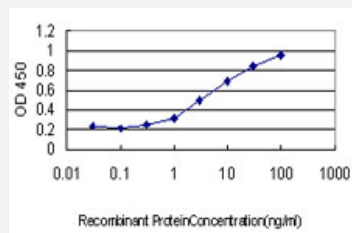
Size 100 ug

Applications



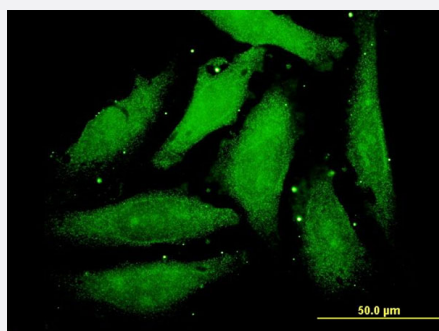
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PTHLH on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



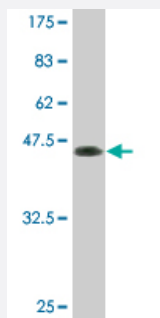
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (44.99 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PTHLH.
Immunogen	PTHLH (AAH05961, 1 a.a. ~ 175 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQRRLVQQWSVAVFLLSYAVPSCGRSVEGLSRRLKRAVSEHQLLHDKGKSIQDLRRRFFLHHLIA EIHTAEIRATSEVSPNSKPSNTKNHPVRFSGDDEGRYLTQETNKVETYKEQPLKTPGKKKKGKP GKRKEQEKKRRRTRSAWLDSGVTGSGLEGDHLSDTSTTSLELDSR
Host	Mouse
Reactivity	Human
Isotype	IgG2b kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.99 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](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PTHLH on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — PTHLH

Entrez GeneID [5744](#)

GeneBank Accession# [BC005961](#)

Protein Accession# [AAH05961](#)

Gene Name PTHLH

Gene Alias HHM, MGC14611, PLP, PTHR, PTHRP

Gene Description parathyroid hormone-like hormone

Omim ID [168470](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the parathyroid hormone family. This hormone regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. This hormone is involved in lactation possibly by regulating the mobilization and transfer of calcium to the milk. The receptor of this hormone, PTHR1, is responsible for most cases of humoral hypercalcemia of malignancy. Four alternatively spliced transcript variants encoding two distinct isoforms have been observed. There is also evidence for alternative translation initiation from non-AUG (CUG and GUG) start sites, in-frame and downstream of the initiator AUG codon, to give rise to nuclear forms of this hormone. [provided by RefSeq]

Other Designations PTH-related protein|humoral hypercalcemia of malignancy|osteostatin|parathyroid hormone-like protein|parathyroid hormone-like related protein|parathyroid hormone-related protein|parathyroid-like protein

Publication Reference

- [The Expression of PTHLH in Human Gastric Mucosa Enterochromaffin-Like Cells.](#)

Liu C, Chen J, Guo Y, Yang L, Zhao C, Bai L.

Digestive Diseases and Sciences 2011 Apr; 56(4):993.

Application: IHC-P, Human, Enterochromaffin-like cells, Gastric fundic mucosa

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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