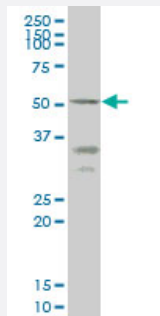


ENTPD5 monoclonal antibody (M07), clone 4A5

Catalog # H00000957-M07

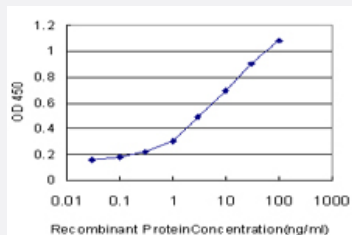
Size 100 ug

Applications



Western Blot (Cell lysate)

ENTPD5 monoclonal antibody (M07), clone 4A5 Western Blot analysis of ENTPD5 expression in HepG2 (Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ENTPD5 is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ENTPD5.
Immunogen	ENTPD5 (NP_001240, 319 a.a. ~ 400 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EEVQRGSFYAFSYYDRAVDTDMIDYEKGKILKVEDFERKAREVCDNLENFTSGSPFLCMDLSYITALLKDGFGFADSTVLQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (83)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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)

ENTPD5 monoclonal antibody (M07), clone 4A5 Western Blot analysis of ENTPD5 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ENTPD5 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ENTPD5

Entrez GeneID	957
GeneBank Accession#	NM_001249
Protein Accession#	NP_001240
Gene Name	ENTPD5
Gene Alias	CD39L4, MGC163357, MGC163359, NTPDase-5, PCPH
Gene Description	ectonucleoside triphosphate diphosphohydrolase 5
Omim ID	603162
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is similar to E-type nucleotidases (NTPases)/ecto-ATPase/apyrases. NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD5 contains 4 apyrase-conserved regions which is characteristic of NTPases. [provided by RefSeq]

Other Designations

CD39-like 4|Pcph proto-oncogene protein|proto-oncogene CPH

Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)