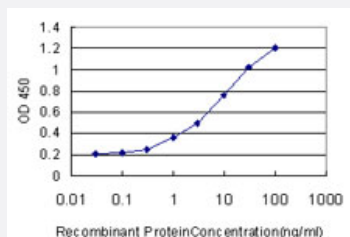


HECTD1 monoclonal antibody (M03), clone 1E10

Catalog # H00025831-M03

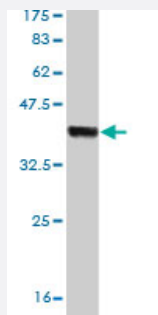
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HECTD1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HECTD1.
Immunogen	HECTD1 (NP_056197, 3 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DVDPDTLLEWLQMGQGDERDMQLIALEQLCMLLLMSDNVDRCFETCPPRTFLPALCKIFLDESA PDNVLEV TARAITYYLDVSAECTRRVGV DGAIKALCNRLVVVE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 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 HECTD1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HECTD1

Entrez GeneID	25831
GeneBank Accession#	NM_015382
Protein Accession#	NP_056197
Gene Name	HECTD1
Gene Alias	FLJ38315, KIAA1131
Gene Description	HECT domain containing 1
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [HECTD1 regulates the expression of SNAIL: Implications for epithelial-mesenchymal transition.](#)

Xinggang Wang, Christian De Geyter, Zanhui Jia, Ya Peng, Hong Zhang.

International Journal of Oncology 2020 May; 56(5):1186.

Application: IF, WB-Tr, Human, HeLa cells

- [HECTD1 controls the protein level of IQGAP1 to regulate the dynamics of adhesive structures.](#)

Shen X, Jia Z, D'Alonzo D, Wang X, Bruder E, Emch FH, De Geyter C, Zhang H.

Cell Communication and Signaling 2017 Jan; 15(1):2.

Application: IF, Human, HeLa cells

- [Hectd1 regulates intracellular localization and secretion of Hsp90 to control cellular behavior of the cranial mesenchyme.](#)

Sarkar AA, Zohn IE.

The Journal of Cell Biology 2012 Mar; 196(6):789.

Application: IF, IP, IP-WB, WB-Ti, WB-Tr, Human, Mouse, Embryo, HEK 293T cells