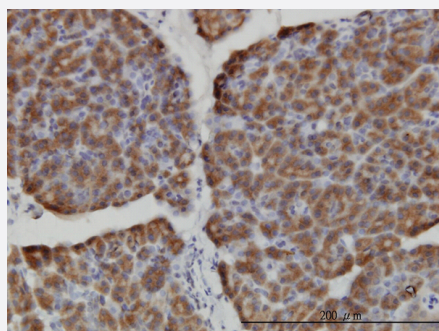


HERC3 monoclonal antibody (M01), clone 2C1

Catalog # H00008916-M01

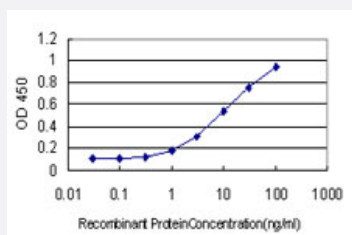
Size 100 ug

Applications



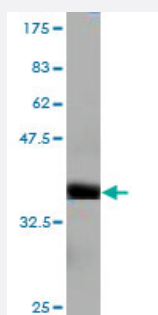
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to HERC3 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HERC3 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HERC3.

| | |
|--------------------------------------|--|
| Immunogen | HERC3 (NP_055421, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | MLCWGYWSLGQPGISTNLQGVAEPQVCGFISDRSVKEVACGGNHSVFLLEDGEVYTCGLNTKG QLGHEREGNKPEQIGALADQHIIHVACGESHSLSLSDRGQLFSWG |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (95); Rat (95) |
| Isotype | IgG1 Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 HERC3 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HERC3 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HERC3

Entrez GeneID

[8916](#)

| | |
|---------------------|--|
| GeneBank Accession# | NM_014606 |
| Protein Accession# | NP_055421 |
| Gene Name | HERC3 |
| Gene Alias | KIAA0032 |
| Gene Description | hect domain and RLD 3 |
| Omim ID | 605200 |
| Gene Ontology | Hyperlink |
| Gene Summary | HERC3 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).[supplied by OMIM] |
| Other Designations | - |

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Tobacco Use Disorder](#)