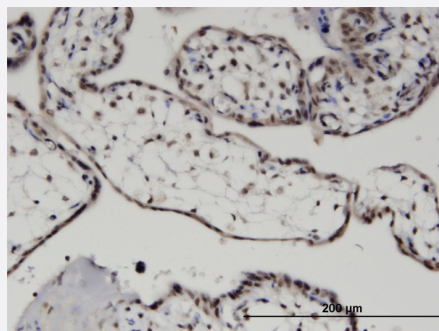


# MYST3 monoclonal antibody (M07), clone 4D8

Catalog # H00007994-M07

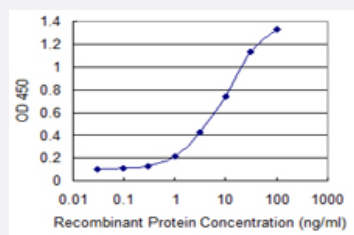
Size 100 ug

## Applications



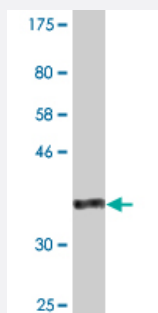
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MYST3 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYST3 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant MYST3.

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | MYST3 (NP_006757, 81 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | ALPKPRNHGKLDNKNQVDWNKLIKRAVEGLAESGGSTLKSIERFLKGQKDVSAIFGGSAASGFH<br>QQLRLAIKRAIGHGRLLKDGPLYRLNTKATNVDGK           |
| <b>Host</b>                          | Mouse                                                                                                             |
| <b>Reactivity</b>                    | Human                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (86); Rat (89)                                                                                              |
| <b>Isotype</b>                       | IgG2b Kappa                                                                                                       |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.63 KDa) .          |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                 |
| <b>Storage Instruction</b>           | 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 MYST3 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYST3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MYST3

Entrez GeneID

[7994](#)

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">NM_006766</a>                                                                                          |
| Protein Accession#  | <a href="#">NP_006757</a>                                                                                          |
| Gene Name           | MYST3                                                                                                              |
| Gene Alias          | KAT6A, MGC167033, MOZ, RUNXBP2, ZNF220                                                                             |
| Gene Description    | MYST histone acetyltransferase (monocytic leukemia) 3                                                              |
| Omim ID             | <a href="#">601408</a>                                                                                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                          |
| Other Designations  | Monocytic leukemia zinc finger protein runx-related transcription factor binding protein 2 zinc finger protein 220 |

## Publication Reference

- [miR-339-3p inhibits cell growth and epithelial-mesenchymal transition in nasopharyngeal carcinoma by modulating the KAT6A/TRIM24 axis.](#)

Pei Gao, Kun Zhao, Wuhao Lu, Liang Wang, Peng Zhang.

International Journal of Clinical Oncology 2022 Nov; 27(11):1684.

Application: WB, Human, 5-8F, CEN2, NP69, NPC, S18, SUNE-2 cells

- [KAT6A, a novel regulator of  \$\beta\$ -catenin, promotes tumorigenicity and chemoresistance in ovarian cancer by acetylating COP1.](#)

Wenxue Liu, Zhiyan Zhan, Meiyang Zhang, Bowen Sun, Qiqi Shi, Fei Luo, Mingda Zhang, Weiwei Zhang, Yanli Hou, Xiuying Xiao, Yanxin Li, Haizhong Feng.

Theranostics 2021 Apr; 11(13):6278.

Application: IHC, WB-Ce, WB-Tr, Human, A2780, HeLa, HEY, HO8910, HO8910-PM cells, Human normal ovarian tissues, Human ovarian cancer, IOSE80, SKOV3 cells