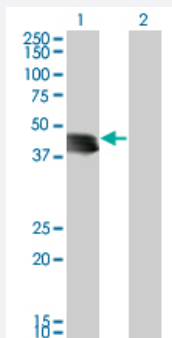


# GENX-3414 monoclonal antibody (M03), clone 4H4

Catalog # H00008987-M03

Size 100 ug

## Applications

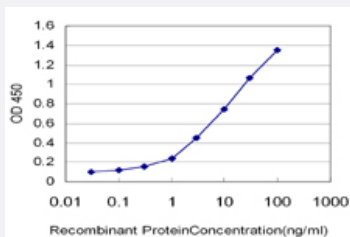


### Western Blot (Transfected lysate)

Western Blot analysis of GENX-3414 expression in transfected 293T cell line by GENX-3414 monoclonal antibody (M03), clone 4H4.

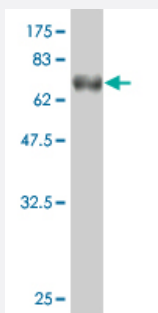
Lane 1: GENX-3414 transfected lysate(39 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GENX-3414 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (65.12 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant GENX-3414.

|                                      |                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | GENX-3414 (AAH22301, 1 a.a. ~ 358 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>                      | MGAVWSALLVGGGLAGALFWLLRGGPGDTGKDGD AEQEKDAPLGGAIPGGHQSGSSGLSP<br>GPSGQELVTKPEHLQESNGHLISKTKDLGKLQAASWRLQNPSREVCDNSREHVP SGQFPDTEA<br>PATSETSNRSYSEVSRNESLESPMGEWGFQKGQEISAKAATCFAEKL PSSNLLKNRAKEEMSL<br>SDLNSQDRVDHEEWEMVPRHSSWGDVG VGGSLKAPVLNLNQGM DNGRSTLVEARGQQVHGK<br>MERVAVMPAGSQQVSVRFQVHYVTSTDVQFIAVTGDHECLGRWNTYIPLHYNKDGFWSHSIFLPA<br>DTVVEWKFLVLENGGVTRWEECSNRFLETGHEDKVVHAWWGIH |
| <b>Host</b>                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                    | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Interspecies Antigen Sequence</b> | Mouse (62); Rat (63)                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                       | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (65.12 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 (Transfected lysate)

Western Blot analysis of GENX-3414 expression in transfected 293T cell line by GENX-3414 monoclonal antibody (M03), clone 4H4.

Lane 1: GENX-3414 transfected lysate(39 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GENX-3414 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — STBD1

|                     |                                |
|---------------------|--------------------------------|
| Entrez GeneID       | <a href="#">8987</a>           |
| GeneBank Accession# | <a href="#">BC022301</a>       |
| Protein Accession#  | <a href="#">AAH22301</a>       |
| Gene Name           | STBD1                          |
| Gene Alias          | FLJ41801, GENEX3414, GENX-3414 |
| Gene Description    | starch binding domain 1        |
| Omim ID             | <a href="#">607406</a>         |
| Gene Ontology       | <a href="#">Hyperlink</a>      |
| Other Designations  | genethonin 1                   |