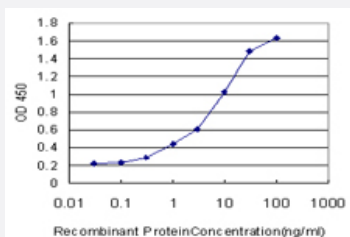# SOX21 monoclonal antibody (M01), clone 2G10
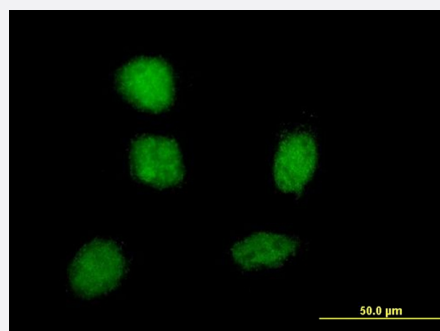
Catalog #    H00011166-M01          Size    100 ug
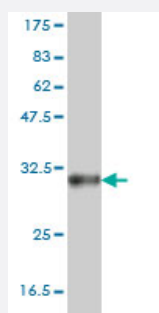
## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SOX21 is approximately 0.03ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to SOX21 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (30.36 KDa) .

## Specification

| Product Description | Mouse monoclonal antibody raised against a partial recombinant SOX21. |
|---|---|

| Immunogen | SOX21 (NP_009015, 224 a.a. ~ 265 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
|---|---|
| Sequence | HSHPSPGNPGYMIPCNCSAWPSPGLQPPLAYILLPGMGKPQL |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (99) |
| Isotype | IgG2a Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (30.36 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 SOX21 is approximately 0.03ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to SOX21 on HeLa cell . [antibody concentration 10 ug/ml]

# Gene Info — SOX21

| Entrez GeneID | 11166 |
|---|---|
| GeneBank Accession# | NM_007084 |
| Protein Accession# | NP_009015 |

| | |
|---|---|
| **Gene Name** | SOX21 |
| **Gene Alias** | SOX25 |
| **Gene Description** | SRY (sex determining region Y)-box 21 |
| **Omim ID** | 604974 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | SRY-related HMG-box (SOX) genes encode a family of DNA-binding proteins containing a 79-amino acid HMG (high mobility group) domain that shares at least 50% sequence identity with the DNA-binding HMG box of the SRY protein (MIM 480000). SOX proteins are divided into 6 subgroups based on sequence similarity within and outside of the HMG domain. For additional background information on SOX genes, see SOX1 (MIM 602148).[supplied by OMIM |
| **Other Designations** | OTTHUMP00000018558\|SRY-box 21 |