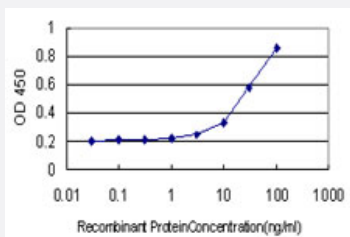


# NR0B1 monoclonal antibody (M02), clone 2F12

Catalog # H00000190-M02

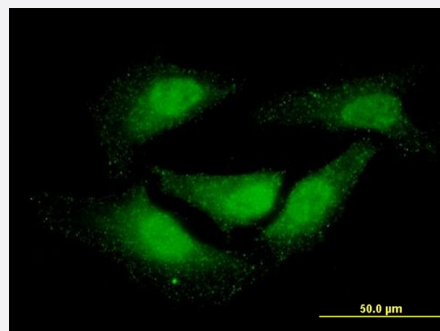
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR0B1 is approximately 1ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to NR0B1 on HeLa cell . [antibody concentration 10 ug/ml]

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant NR0B1.

### Immunogen

NR0B1 (NP\_000466, 361 a.a. ~ 470 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

IKCFLSKCWSLNISTKEYAYLKGTVLFPDVPGLQC VKYIQGLQWGTQQILSEHTRMTHQGPHDRFI  
ELNSTLFLLRFINANVIAELFFRP IIGTVSMDDMMLEMLCTKI

### Host

Mouse

### Reactivity

Human

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (76)                                                               |
| Isotype                       | IgG2a kappa                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.                           |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR0B1 is approximately 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NR0B1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — NR0B1

|                     |                                                                      |
|---------------------|----------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">190</a>                                                  |
| GeneBank Accession# | <a href="#">NM_000475</a>                                            |
| Protein Accession#  | <a href="#">NP_000466</a>                                            |
| Gene Name           | NR0B1                                                                |
| Gene Alias          | AHC, AHCH, AHX, DAX-1, DAX1, DSS, GTD, HHG, NROB1                    |
| Gene Description    | nuclear receptor subfamily 0, group B, member 1                      |
| Omim ID             | <a href="#">300018</a> <a href="#">300200</a> <a href="#">300473</a> |
| Gene Ontology       | <a href="#">Hyperlink</a>                                            |

**Gene Summary**

This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as a dominant-negative regulator of transcription which is mediated by the retinoic acid receptor. This protein also functions as an anti-testis gene by acting antagonistically to Sry. Mutations in this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq]

**Other Designations**

OTTHUMP00000023102|gonadotropin deficiency|nuclear hormone receptor