

## Product datasheet for **CF805006**

### NR0B1 Mouse Monoclonal Antibody [Clone ID: OTI5F5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F5
Applications:	IHC, WB
Recommended Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 161-430 of human NR0B1 (NP_000466) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51.5 kDa
Gene Name:	nuclear receptor subfamily 0 group B member 1
Database Link:	<a href="#">NP_000466</a> <a href="#">Entrez Gene 190 Human P51843</a>



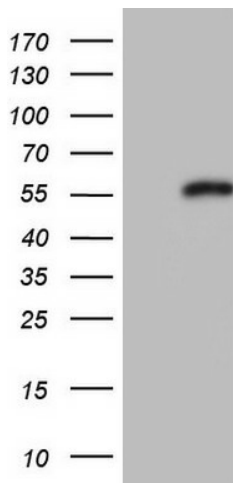
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**Background:** This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as a dominant-negative regulator of transcription which is mediated by the retinoic acid receptor. This protein also functions as an anti-testis gene by acting antagonistically to Sry. Mutations in this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq, Jul 2008]

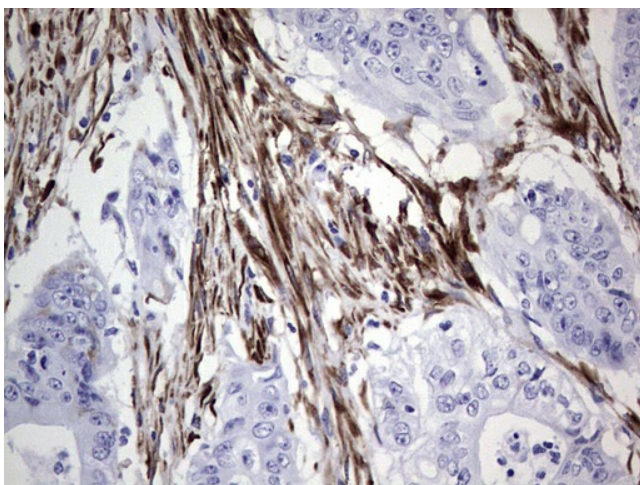
**Synonyms:** AHC; AHCH; AHX; DAX-1; DAX1; DSS; GTD; HHG; NROB1; SRXY2

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NR0B1 (Cat# [RC204187], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NR0B1(Cat# [TA805006]). Positive lysates [LY424702] (100ug) and [LC424702] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NR0B1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.