

NR4A1 mouse monoclonal antibody (hybridoma)

Catalog # H00003164-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NR4A1.
Immunogen	NR4A1 (NP_002126.2, 1 a.a. ~ 598 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPCIQAQYGTAPSPGPRDHASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFMDGYTGEFD TFLYQLPGTVQPCSSASSSASSTSSSSATSPASASFKEFDFQVYGCYPGPLSGPVDEALSSSGS DYYGSPCSAPSPSTPSFQPPQLSPWDGSGFHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSF SPPTGPSPSLAQSPKLFP SQATHQLGEGESYSMPATAFPGLAPTSPHLEGSGILDTPVTSTKARS GAPGGSEGRCAVCGDNASCQHYGVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRC QFCRFQKCLAVGMVKEVVRTDSLKGRRGRLP SKPKQPPDASPANLLTSLVRAHLD SGPSTAKL DYSKFQELVLP HFGKEDAGDVQQFYDLLSGSLEVIRKWA EKIPGFAELSPADQDLLLES AFLELFI LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRSLHSLLDVPAFACLSALVLITDR HGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLPELRTLCTQGLQRIFYLKLEDL VPPPPIIDKIFMDLTPF
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NR4A1

Entrez GeneID [3164](#)

GeneBank Accession# [NM_002135.3](#)

Protein Accession# [NP_002126.2](#)

Gene Name NR4A1

Gene Alias GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3

Gene Description nuclear receptor subfamily 4, group A, member 1

Omim ID [139139](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations TR3 orphan receptor|early response protein NAK1|growth factor-inducible nuclear protein N10|hormone receptor|orphan nuclear receptor HMR|steroid receptor TR3

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)

- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)