

Mouse anti-Human NR4A1 Monoclonal Antibody | anti-NR4A1 antibody

Mouse monoclonal antibody Anti-Human NR4A1

CATALOG # AAA36348	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

NR4A1; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human NR4A1; Homo sapiens nuclear receptor subfamily 4; group A; member 1 (NR4A1); transcript variant 1; mRNA; HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; anti-NR4A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NR4AB9G12
Form/Format	Mouse monoclonal anti-human NR4A1 antibody in PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM KH ₂ PO ₄ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN ₃)
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	2692
Applicable Applications for anti-NR4A1 antibody	ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Immunogen	Recombinant
Safety warnings and precautions	Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately. Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves. It is strongly advised that this product should be handled by people who have been well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice. All chemicals are deemed potentially harmful. The vial is prone to fall over. Use caution, especially when the lid is off.
Sterility	Filtered through a 0.22 um membrane.
Disposal	This antibody solution contains sodium azide (NaN ₃) as a preservative. There is a potential hazard that (NaN ₃) reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.
Preparation and Storage	Store at 2-8°C for up to one year. We recommend storing at -20°C for long-term storage. Avoid repeat freezing and thawing cycles

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-NR4A1 mAb. [Lot No.NR4AB9G12-2]



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-NR4A1 antibody	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. Three transcript variants encoding two distinct isoforms have been identified for this gene. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	320202953
NCBI GeneID	3164
NCBI Accession #	NP_002126.2
NCBI GenBank Nucleotide #	NM_002135
NCBI Official Full Name	Homo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	nuclear receptor subfamily 4, group A, member 1
NCBI Official Symbol	NR4A1
NCBI Official Synonym Symbols	HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; NUR77
NCBI Protein Information	nuclear receptor subfamily 4 group A member 1; ST-59; TR3 orphan receptor; early response protein NAK1; growth factor-inducible nuclear protein N10; hormone receptor; nerve growth factor IB nuclear receptor variant 1; nuclear hormone receptor NUR/77; orphan nuclear receptor HMR; orphan nuclear receptor TR3; steroid receptor TR3; testicular receptor 3
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 1
UniProt Gene Name	NR4A1
UniProt Entry Name	NR4A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nr4a1-antibody-clone-nr4ab9g12-immunocytochemistry-dot-blot-elisa/36348>