

Datasheet for ABIN2656851

anti-NR4A1 antibody (Alexa Fluor 594)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	NR4A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NR4A1 antibody is conjugated to Alexa Fluor 594
Application:	Flow Cytometry (FACS), Blocking Reagent (BR), Immunoprecipitation (IP)

Product Details

Clone:	1E10A15
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 594 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 594.

Target Details

Target:	NR4A1
Alternative Name:	Nur77 (NR4A1 Products)
Background:	Nur77, a transcription factor belonging to a superfamily of orphan nuclear receptors, has been shown to activate a subset of genes containing NGFI-B response element (NBRE). Nur77 expression is upregulated in response to stimuli of numerous growth factors, mitogens, and inflammatory substances, indicating that Nur77 has regulatory roles in cell growth and

Target Details

inflammation. Nur77 has also been shown to participate in programmed cell death through mitochondrial targeting and interaction with Bcl-2. In the endocrine system, Nur77 has been reported to participate in regulating production of steroidogenic enzymes. Nur77 and NOR-1 double knockout mice develop acute myeloid leukemia, suggesting that Nur77 plays a role in regulating differentiation of myeloid progenitor cells.

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

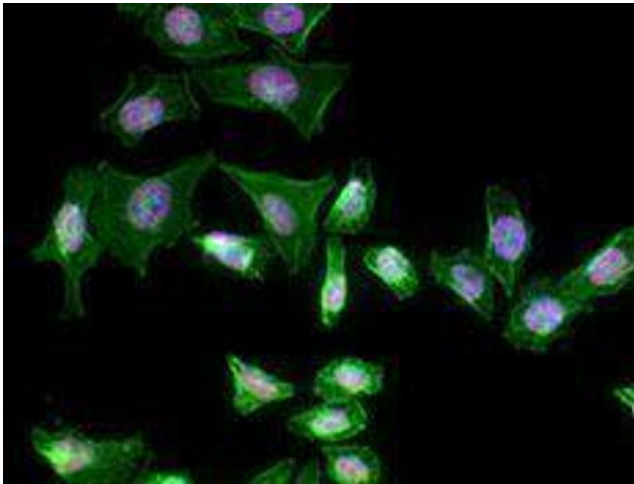
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C



Immunofluorescence

Image 1.