

For Research Use Only

NR4A2 Monoclonal antibody

Catalog Number: 66878-1-Ig



Basic Information

Catalog Number: 66878-1-Ig	GenBank Accession Number: BC009288	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4929	CloneNo.: 1H5B4
Source: Mouse	Full Name: nuclear receptor subfamily 4, group A, member 2	Recommended Dilutions:
Isotype: IgG1	Calculated MW: 66 kDa	
Immunogen Catalog Number: AG1418	Observed MW: 67 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : Jurkat cells, HT-29 cells, Daudi cells, Ramos cells
Species Specificity: Human	

Background Information

NR4A2 belongs to the orphan nuclear receptor (NR) family referred to as NR4A family, which have been implicated in cell cycle regulation, apoptosis, inflammation, metabolism and more recently in carcinogenesis [PMID:22583411]. NR4A2 also has a role in the expression of several proteins that are necessary for the synthesis and regulation of DA, such as tyrosine hydroxylase, DA transporter, vesicular monoamine transporter 2, and cRET [PMID:22294735]. Act as a transcriptional regulator, NR4A2 is essential for the differentiation and maintenance of meso-diencephalic mdDA neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons [PMID: 17184956].

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

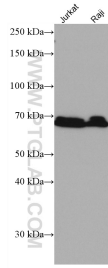
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

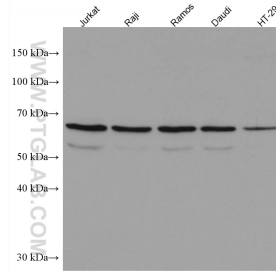
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66878-1-Ig (NR4A2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66878-1-Ig (NR4A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.