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Anti human GCNF mouse monoclonal antibody

GCNF: Germ cell nuclear factor

Code No	PP-H7921-00
Clone No.	H7921
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	GCNF(NR6A1) termed germ cell nuclear factor is an orphan receptor which has no paralogous observed in mammal. The expression is observed only in germ cells of the testis, the spermatids and late-stage spermatocytes. GCNF may have a role in regulating meiotic and post-meiotic stage of germ cells.
Nomenclature	NR6A1
Genbank	U64876
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human GCNF(28-58 aa) .
Specificity	This antibody specifically recognizes human GCNF. Not yet tested in other species. * In WB applications, a 35kDa non-specific band has been observed.
Purification	Ammonium sulfate fractionation.
Formulation	Physiological saline with 0.1% NaN3 as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	1 ug/mL *
Non reducing Western Blot	3 ug/mL *
ELISA	Not yet tested
Immunoprecipitation	Decide by use
Supershift Assay	Not yet tested
Chromatin immunoprecipitatic	Not yet tested
Immunohistochemistry	Not yet tested

Storage	Store at 2 - 8 ºC up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.
Reference	
Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

MADE IN JAPAN

July 1, 2023