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Anti human SHP mouse monoclonal antibody

SHP: small heterodimer partner

Code No	PP-N7519-00
Clone No.	N7519
Lot.	A-1
Concentration	1mg/mL
Volume	100µL
Ig Class	G1
Description	SHP (NR0B2) is an orphan receptor. SHP is expressed in liver and at lower level in heart, adrenal gland, spleen and pancreas. Since SHP binds to several receptors, including retinoid receptors RAR, RXR and thyroid hormone receptor, the function is suggested as a negative regulator of receptor-dependent signaling pathways.
Nomenclature	NR0B2
Genbank	L76571
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 E.coli-expressed recombinant human SHP (1-257 aa)
Specificity	This antibody specifically recognizes human SHP. Not yet tested in other species.
Purification	Ammonium sulfate fractionation.
Formulation	Physiologic saline with 0.1 % NaN3.

Application / Recommended Concentration

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

Western Blot	1µg/mL
Non reducing Western Blot	3µg/mL
ELISA	0.5µg/mL (A280=1)
Immunoprecipitation	Not yet tested
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