

Anti human SHP mouse monoclonal antibody

SHP: small heterodimer partner

Code No PP-N7519-00

Clone No. N7519

Lot. ***

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 immunoprecipitation Not yet tested

Immunohistochemistry Not yet tested

Storage Store at 2 - 8 °C 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.

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