Medix Biochemica

Product specification
ANTIBODY
2024-12-04

Anti-h HABP NA000901 SPTN-5

Product overview

Catalog number	C-10-0046
Specificity	Antibody recognizes human HABP (Hyaluronic Acid Binding Protein)
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.1% ProClin™ 300 as a preservative
Shelf life and storage	Unspecified, storage at 2–8 °C
Subclass	Mouse IgG_1
Analyte description	HABP (Hyaluronic Acid Binding Protein) is a specific and tightly binding protein which can be used like an antibody to detect or measure HA in multiple applications. Hyaluronic acid (HA) is an acidic mucopolysaccharide, which widely exists in the matrix of connective tissue. It is widespread in the extracellular matrix, playing many roles in health and disease. The level of serum HA increases significantly during the formation of liver fibers and hepatocytes damage.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	5.0 mg/ml (+/- 10%)
Immunoreactivity	80–120% compared to the reference sample
IEF Profile	To Be Determined (TBD)
Purity	≥ 95 %

Kinetic parameters

Association rate constant	TBD
Dissociation rate constant	TBD
Affinity constant	TBD
Determination method	-
Determination antigen	-

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Cross-reactivities -

Epitope Not Determined (N/D)

Pair recommendations -

Platforms tested **ELISA, CLIA**

Antigens tested -

Product stability

TEMPERATURE, TIME	RESULT
-70 °C, 21 days	TBD
-20 °C, 21 days	TBD
+4 °C, 21 days	TBD
+35 °C, 21 days	TBD
+35 °C, 7 days	OK
+45 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2–8 °C in the product buffer.

Miscellaneous -

References -

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