Medix Biochemica

MedixMAB™ ANTIBODIES

Date: 2021-06-14

Product specifications

Name	Anti-h SCC 11802 SPTN-5
Specificity	Antibody recognizes human squamous cell carcinoma (SCC) antigen
Description	Monoclonal mouse antibody, cultured *in vitro* under conditions free from animal-derived components
Product code	100877
Product buffer solution	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
Shelf life and storage	Unspecified, storage at 2–8 °C
Subclass	IgG_1
Analyte description	Squamous cell carcinoma (SCC) antigen is a biomarker of squamous cell carcinomas found in the lung, uterine cervix, esophagus, head, neck, anal canal, and skin. In clinical applications SCC antigen levels are measured from serum or plasma to monitor recurrence of the tumor and response to the therapy. This marker is not recommended for screening, since SCC antigen levels may also increase in non-malignant diseases including severe inflammatory diseases, psoriasis, and renal failure.

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 in an FIA test
IEF Profile	6.7–7.2
Purity	≥ 95 %

Kinetic parameters

Association rate constant	Not Determined (N/D)
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

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Cross-reactivities

N/D

Epitope

N/D

Pair recommendations

		DETECTION			
		11801	11802	11803	11804
CAPTURE	11801	-	-	+	+
	11802	-	-	+	+
	11803	+	+	-	+
	11804	+	+	+	-

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

Platforms tested

FIA, CLIA

Antigens tested

N/D

Product stability

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

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References

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