

## Anti-h SCC 11801 SPTN-5

### Product overview

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<b>Catalog number</b>	100876
<b>Specificity</b>	Antibody recognizes human squamous cell carcinoma (SCC) antigen
<b>Description</b>	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
<b>Product buffer solution</b>	50 mM Na-citrate, pH 6.0, 0.9% NaCl, 0.095% NaN <sub>3</sub> as a preservative
<b>Shelf life and storage</b>	Unspecified, storage at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<b>Analyte description</b>	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

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<b>Product appearance</b>	Liquid, may turn slightly opaque during storage
<b>Product concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Immunoreactivity</b>	80–120 % compared to the reference sample in an FIA test
<b>IEF Profile</b>	6.6–7.2
<b>Purity</b>	≥ 95 %

### Kinetic parameters

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



#### Legal disclaimer

**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** -

**References** -



**Legal disclaimer**