

Anti-h ProGRP 13002 SPTN-5

Product overview

Catalog number	100990
Specificity	Antibody recognizes human progastrin-releasing peptide
Description	Monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
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	Progastrin-releasing peptide (ProGRP) is a C terminal part of GRP. ProGRP can be used as a biomarker for small cell lung cancer (SCLC) as it supports discrimination between SCLS and non-small cell lung cancer (NSCLC). ProGRP can also be used to monitor the response to the therapy and recurrence of the disease.

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	6.3–6.8
Purity	≥ 95 %

Kinetic parameters

Association rate constant	1.2 x 10 ⁵ 1/Ms
Dissociation rate constant	Not applicable (N/A)
Affinity constant	N/A
Determination method	BLI (Octet RED96e)
Determination antigen	Recombinant ProGRP, MyBiosource (MBS2033543)



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Cross-reactivities Not determined (N/D)

Epitope N/D

Pair recommendations

		DETECTION			
		13001	13002	HM784	HM785
CAPTURE	13001	-	+	-	+
	13002	+	-	+	+
	HM784	+	+	-	-
	HM785	-	-	-	-

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

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 -



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