

## Anti-h PIC NA001002 SPTN-5

### Product overview

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<b>Catalog number</b>	C-10-0023
<b>Specificity</b>	Antibody recognizes human PIC (plasmin/ $\alpha$ 2-plasimn inhibitor complex)
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Product buffer solution</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.1% ProClin™ 300 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>	In the plasma of patients suffering from disseminated intravascular coagulation (DIC) and in the plasma of patients being treated by the thrombolytic therapy, plasmin is produced by plasminogen activation and immediately forms a complex (PIC) with $\alpha$ 2- plasmin inhibitor at a ratio of 1:1 in circulating blood. PIC in the plasma is considered important in the diagnosis of DIC, as a molecular marker for monitoring the thrombolytic therapy and so on.

### 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
<b>IEF Profile</b>	
<b>Purity</b>	≥ 95 %

### Kinetic parameters

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<b>Association rate constant</b>	To Be Determined (TBD)
<b>Dissociation rate constant</b>	TBD
<b>Affinity constant</b>	TBD
<b>Determination method</b>	-
<b>Determination antigen</b>	-



**Cross-reactivities** -

**Epitope** Plasmin

**Pair recommendations**

		DETECTION		
		NA001002	NA001003	NA001004
CAPTURE	NA001002	-	+	+
	NA001003	+	-	-
	NA001004	+	-	-

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** **ELISA, CLIA**

**Antigens tested** -

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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