

## Anti-h PIC NA001004 SPTN-5

### Product overview

Catalog number	C-10-0025
Specificity	Antibody recognizes human PIC (plasmin/ $\alpha$ 2-plasmin inhibitor complex)
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 <sub>1</sub>
Analyte description	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

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 a CLIA test
IEF Profile	Not Determined (N/D)
Purity	≥ 95 %

### Kinetic parameters

Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-



#### Cross-reactivities

Recognizes both plasmin and plasminogen

#### 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

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#### References

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