

## Anti-h HE4 4503 SPTN-5

### Product overview

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<b>Catalog number</b>	100608
<b>Specificity</b>	Antibody recognizes human epididymis protein 4 (HE4)
<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>	36 months from manufacturing at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<b>Analyte description</b>	Human epididymis protein 4 (HE4), also known as WAP four-disulfide core domain protein 2, is a 124 amino acid long protease inhibitor. Serum HE4 is often measured together with CA125 to monitor progression of epithelial ovarian cancer after treatment.

### 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>	6.1–7.1
<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** Does not recognize cancer antigens CA125, CA19-9 or CA15-3

**Epitope** N/D

**Pair recommendations**

		DETECTION				
		4501	4502	4503	4505	4506
CAPTURE	4501	-	-	+	+	+
	4502	-	-	+	+	+
	4503	-	-	-	-	-
	4505	-	-	-	-	-
	4506	-	-	-	-	-

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** -



**Legal disclaimer**