

PRODUCT SPECIFICATIONS

Date: 2014-11-04

PRODUCT NAME	:	Anti-h CD8 5705 SPTN-5
PRODUCT SPECIFICITY	:	Human CD8
PRODUCT CODE	:	100449
PRODUCT BUFFER	:	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.1 % NaN ₃ as a preservative
SHELF LIFE AND STORAGE	:	Shelf life unspecified, storage at 2-8 °C
ANALYTE DESCRIPTION	:	CD8 (cluster of differentiation 8) is a transmembrane glycoprotein found on the surface of immune cells such as cytotoxic T cells, killer cells, cortical thymocytes, and dendritic cells, and serves as a co-receptor for the T cell receptor (TCR). The most common form of CD8 is composed of a CD8- α and CD8- β chain, both members of the immunoglobulin superfamily.

PARAMETERS TESTED FROM EACH LOT

PRODUCT APPEARANCE	:	Clear liquid, may precipitate during storage which does not alter the product specifications. Precipitate can be removed by centrifugation or filtering.
PRODUCT CONCENTRATION	:	5.0 mg/ml (+/- 10 %)
PRODUCT ACTIVITY	:	80 – 120 % compared to reference in an IFMA-test
IEF-RANGE	:	5.2 – 5.9
PURITY	:	≥ 95 %

PARAMETERS DETERMINED ONLY DURING PRODUCT R&D PHASE

CLASS AND SUBCLASS	:	IgG1
ASSOCIATION CONSTANT	:	N/D
DISSOCIATION CONSTANT	:	N/D
AFFINITY CONSTANT	:	N/D
DETERMINATION METHOD	:	N/D
ANTIGEN FOR AFFINITY	:	N/A
CROSS-REACTIVITIES	:	N/D

EPITOPE : N/D

PAIR RECOMMENDATIONS :

SOLID	LABEL
N/D	

Please note that pair recommendations are based on results obtained in our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations should be taken only as a directive.

PRODUCT STABILITY :

TEMPERATURE, DAYS	RESULT
-70 °C, 21 days	OK
-20 °C, 21 days	OK
+4 °C, 21 days	OK
+35 °C, 7 days	Failed, specific activity increases
+45 °C, 3 days	Failed, specific activity increases

Please note that the shelf life given on page one is based on real time stability testing at +2-8 °C in the product buffer.

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. The maximum duration of the test is 21 days, except for the +45 °C only 7 days.

MISCELLANEOUS : -

REFERENCES : -

Legal disclaimer

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