

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	Spi-6, Mouse, pAb		
Catalog number	HP8035		
Lot number	-	Expiry date	-
Volume	1 ml	Amount	100 µg
Formulation	0.2 µm filtered in PBS+0.1%BSA+0.02%NaN3	Concentration	100 µg/ml
Host species	Rabbit Ig	Conjugate	None
Endotoxin	N.A.	Purification	Protein A
Storage	4°C		

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes				•				•
No								
N.D.	•	•	•		•	•	•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

General Information

Description	The polyclonal antibody recognizes mouse Spi-6, also known as serpin B9, a cytoplasmic serine protease inhibitor of ~42 kD. Spi-6 is expressed in dendritic cells, lymphocytes and specific cell types at immune-privileged sites. It inactivates granzyme B, a natural occurring inducer of programmed cell death. As such, Spi-6 functions as anti-apoptotic protein. In cytotoxic T cells (CTL), Spi-6 is required to protect clonal bursts (expansion) from granzyme B induced cell death. However, it is not required for the development of memory cells. Expression of SPI-6 is of crucial importance in the escape of several tumors from a CTL response and is, therefore, a parameter that influences the feasibility of CTL-mediated immunotherapy of cancer. The polyclonal antibody shows no cross reactivity with mouse proteins related to Spi-6.
Immunogen	Recombinant GST-Spi-6
Aliases	Cytoplasmic antiproteinase 3, serpin B9, PI-9
Cross reactivity	Mouse proteins related to Spi-6: No.
References	<ol style="list-style-type: none"> Zhang, M et al; Differential survival of cytotoxic T cells and memory cell precursors. J Immunol 2007, 178: 3483 Zhang, M et al; Serine protease inhibitor 6-deficient mice have increased neutrophil immunity to Pseudomonas aeruginosa. J Immunol 2007, 179: 4390
Storage&stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Robbert Zwinkels

Date
13/03/2018

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.