

Product datasheet for **AP26375PU-N**

Serpinb9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	Flow Cytometry: The typical starting working dilution is 1/50. Western blot: The typical starting working dilution is 1/50.
Reactivity:	Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Recombinant GST-Spi-6
Specificity:	The antibody recognizes Mouse Spi-6, also known as Serpin B9, a cytoplasmic serine protease inhibitor of ~42 kDa. It shows no cross-reactivity with Mouse proteins related to Spi-6.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	serine (or cysteine) peptidase inhibitor, clade B, member 9
Database Link:	Entrez Gene 20723 Mouse O08797



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Background:

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.

Synonyms:

Cytoplasmic antiproteinase 3, serpin B9, PI-9