

Product datasheet for **SM1856PT**

Anpep Rat Monoclonal Antibody [Clone ID: R3-63]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R3-63
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl. Immunohistochemistry on Frozen Sections.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse intestinal APN.
Specificity:	This antibody recognizes Mouse Aminopeptidase N. Clone R3-63 has been reported to block mouse APN enzyme activity (1). We recommend the use of an Azide Free antibody (SM1856A) for this purpose.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	alanyl (membrane) aminopeptidase
Database Link:	Entrez Gene 16790 Mouse P97449



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Background: Murine Aminopeptidase N (APN) is a cell surface protein homologous with human CD13. In the mouse, CD13 is a non-covalently linked homodimer of approximately 150kD subunits expressed by a variety of cells including monocytes, macrophages, dendritic cell and veiled cells.

Synonyms: Aminopeptidase N, ANPEP, APN, PEPN